Contig463
Length: 273254..

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 151 TTCTATAGTA TTAAAAGGAT CTTGGAGTAT AACAAGTAAA GATCTTTGAG

 201 GATAGCGTAG GGCCGTATTT TGAATAGCGT CCAATAAAGC GCGTTTGCAA

 251 AACGCTTGAG TTTGGTTGTC CCAATAGAAA GTGCCTTCTT TAGGAAGAAT

 301 CTCTTCTGGA GGCACTTCAT AGACCGAAGT AAAGAGAGGA AGAGCAACGA

 351 TTGCTGCATG ACTTTCTATA GCTGCTTAA GGCAGTTCTC GTACGCTAGT

 401 AAAGCTTGGC GATAATATTC TTGCTGATTT GGTAACTCTT CAGATTTAGG

 451 GCCGCATACG TGGCCTAAAA AGGTCGGAAG AATACTTTTC TTTTCTGCAG

 501 AGCTTAAATT TAGATTAAAC GTTTGATCTA GAGCTTCGTT TGGAAGTTTT

 551 ACTACTCTCA CTTCGGTAGG GGAAAAGGGG TCTTCTCCTT TTGCGGGACC

 601 CCCTTCGCGT TGCTTGCATG TATCCCACAC GCTTTTATCT TTTAGGGTGG

 651 AGTAAAGGAT AGTAGAGAGG TTCGTTGCAG TGTTGTCGAT CAGATTCGTT

 701 GGGCCTACGG GATTAAAGAT GATCCCTGTG GATTGATTTT TTTCGATCAC

 751 TCTAAGTCCA GTTAAGAAAG TAGGCTGAAA TGGTTGAGAC GCATCTGTTT

 801 GTATCGCTAC CTTGAACTTA GGGTTCAGGT GATTATTGTA AAATTGCATC

 851 TCGTTTGAGT AGCAGTCTAC GTTTTTTTCT TGCCACGCTT TTCCCAAAGG

 901 CTTGAAGTTT TGCTCTAGAA CTTTCTGCCA GTTAGAAGAT ACCTTTGAGG

 951 TCATTTGGTG GTAGACTAAG AAGGTTACAA CTGAGAAGAG GGCCGTGGTA

1001 ATGAAGAG CCAAAAATAC AGGGTTCCCT AATACTATCG TTAAAGAGAT

1051 TCCAGCCACC AAAGCTCCTA AAGCTAAAGA AGCTAGGATT GCAAGAGTGG

1101 ATATTTTTGC TATGGTAAAC TGTTTTTTAG GAGCAATTTC TTTATCCCGA

1151 GGCACATAGG ATAGTACAGA AACTTGAGAG CTCTCAGTAC GTGAGGGTCC

1201 TGACATAACA TTTTTTTTGT AAAATACTTT CTATAATTTT AACATATTTG

1251 TGTTTATCGA TCCGAGAAAA TTGGAGAGTG AGAGCGCATG TCTTGCAATT
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1351   TGGGAGCAAA TATAGCGAGA TATAAAGTAT AAGGGAATTG CTGTTAGGAA

1401   GATAAAGGAG CACAAAGGGT GGATACATAG CCCAATAGCT ATGGTGGTAG

1451   CAATCAGAGC TATCCAGACG AGTGCAATCG CAATAGTAAC GAAGAGGGCA

1501   AGCTTGAAAT TATAGCGAGG ACGAGTAGCT GGGGGAAATA GAGAGGGAGC

1551   CGTTCCATCA AAACCGGGAG TAGCTGAAGA AGCCATAAAC TATTAAAAAT

1601   TAAGTTTTTT TCGGAGCATA AAGCATTTTA AAGTAGTGGG GTCTTTTTTG

1651   TCACGGAGAT GTCCTGGACT TCCCAAGCGT TTCTAACAAA GATACCTGCT

1701   TTTGAGAGGA GAACTTTTGA AACTCCTGCA AGGTCATCCT TCCTTGGCAC

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1801   AGTTGAAGGG CTTGTGAAGA TAATTTTTTT GTATTAGAT AAAATATTTT

1851   TTTTAAGTTT TCGCGGCTTC ACTGTGTAGT GAGGGTAAGA GAAAAAAGTA

1901   AATCGATTGT AAAGAAATTC TCTGATCACA GGTCTTGCGA GGGAGGAGTG

1951   GGGGTAGAGA ATGCGGGCTG AAGAGGGCAG TGCCTGTAGC AATGGGAAGA

2001   TGCCTTCAGC GATTCTTGA GTTGCTACTA CGTACTTCAC TTGTCCAAGG

2051   AAAGAGAGAA GTCTTTCTTT GGTGGACTCT CCTATACAGA GGTAGGTCTT

2101   TGTTTTTAGA GTGGCCTTAG AAAGAAGAGA AGTCATTCTG GAAAGGAATA

2151   GGTGAGTGGA TGAGGGACTT GTGAGAATCA CATGGGTTGC TTGTGGAAGG

2201   AATTGAAGAG CACGCTTATT TTGTGGAGTG CTTTTTGCAT AGGGGAAGAG

2251   AGTTAGAATA GGCAAATAAT GAGCTTGGTA TTTACGAGCG GTTTTTTGAT

2301   TCAATCCTAA GTAGAGGGTC ATGAGTCTTT TCGGGTAAAA GGAAGGCTGC

2351   CTAAGTTTTT GTACCTTCAA AGGGATATAT TGAAAATAAT TTTTCTTTTT

2401   CCCTTGGTTC TTCTTGATCA TGCGTTGATT GACATTTTTC ACTTTG

2451   CTAGGCTGGT TTTTTCTGGA CTTAGAGGTT CTCTCTATTA

2501   TTTAGAAGTC CTTGCTAAAA GTTTTTGAGA AATTT      CGT

2551   GTGGAAATAT TTACAAAGGT GGTTGCGGTG C

2601   TTTAGAAAAT GCTTCGGGGA AAAGG
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2651  ATTTAGCAGC TCTTGACCAT CTCTTAAATG CGTTTCCTTC CATTGGGGAG

2701  AGAATCATTG ATGAGTTGAA GAGCCAGCGT TCCCATTTAA AGATGATTGC

2751  TTCTGAAAAC TATTCTTCAC TTTCAGTGCA GTTGGCTATG GGGAACTTGC

2801  TCACAGATAA GTATTGTGAA GGAAGTCCCT TTAAGCGTTT CTATTCCTGT

2851  TGTGAAAATG TAGATGCTAT TGAGTGGGAG TGTGTAGAGA CAGCGAAAGA

2901  ACTTTTTGCT GCGGATTGCG CTTGTGTTCA GCCTCATTCT GGGGCTGATG

2951  CTAATTTACT GGCAGTAATG GCCATTCTCA CGCACAAAGT CCAAGGCCCA

3001  GCTGTCAGTA AGTTAGGTTA TAAAACTGTA AACGAATTAA CAGAAGAAGA

3051  ATACACTCTA CTTAAGGCTG AAATGTCTTC TTGTGTTTGC TTAGGACCTT

3101  CATTAAATTC TGGAGGCCAT TTGACCCATG GGAACGTACG TTTAAATGTG

3151  ATGTCTAAGC TTATGCGTTG CTTCCCCTAT GATGTCAATC CGGATACGGA

3201  GTGTTTTGAT TATGCAGAGA TCTCCCGGTT AGCTAAGGAG TATAAACCTA

3251  AGGTACTGAT CGCAGGATAT TCTTCCTATT CTCGAAGATT AAACTTTGCA

3301  GTTTTAAAAC AGATTGCAGA GGATTGTGGA TCTGTCTTGT GGGTAGATAT

3351  GGCGCATTTT GCAGGCCTAG TTGCTGGGGG AGTGTTTGTT GATGAAGAAA

3401  ATCCTATTCC TTATGCAGAT ATAGTGACAA CAACAACGCA TAAGACATTA

3451  CGCGGTCCTC GCGGGGGATT AGTTTTGGCA ACTCGAGAGT ATGAAAGCAC

3501  TCTCAATAAG GCGTGTCCTT TGATGATGGG AGGTCCTCTA CCTCACGTGA

3551  TAGCTGCTAA AACAGTGGCT TTGAAGGAAG CTCTCTCTGT GGATTTCAAG

3601  AAATACGCTC ATCAGGTTGT AAATAATGCT CGTCGATTAG CAGAGAGATT

3651  TTTAAGTCAT GGGCTACGTC TTTTGACGGG AGGAACAGAC AACCACATGA

3701  TGGTGATTGA TTTAGGTTCT TTGGGCATTT CTGGAAAAAT TGCTGAAGAT

3751  ATCTTGAGTT CCGTAGGAAT TGCTGTGAAT CGGAATTCAT TACCTTCAGA

3801  TGCTATTGGT AAGTGGGACA CTTCAGGTAT ACGTTTAGGA ACCCCTGCAC

3851  TAACGACTTT GGGTATGGGT ATCGATGAAA TGGAAGAAGT TGCAGATATT

3901  ATTGTGAAAG TATTGCGAAA TATTCGTTTA AGTTGCCATG TTGAAGGGAG

3951  TTCTAAGAAA AATAAAGGGG AACTTCCTGA AGCCATAGCG CAGGAAGCTA
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4001   GAGATCGTGT TCGCAACTTG TTGCTGCGTT TCCCGCTCTA CCCTGAAATT

4051   GATTTAGAAG CTTTAGTTTA GTTAGGAGAG ACATTATTTT ATGGCAGACG

4101   GGGAAGTTCA TAAATTACGT GATATTATAG AAAAAGAGTT ATTGGAAGCG

4151   CGCAGAGTAT TTTTCTCAGA GCCTGTAACA GAGAAAAGTG CTTCCGATGC

4201   AATTAAAAAG CTTTGGTATT TGGAATTAAA AGATCCTGGA AAGCCTATAG

4251   TTTTTGTGAT CAATAGTCCT GGGGGATCTG TGGACGCAGG TTTTGCTGTT

4301   TGGGATCAAA TTAAAATGTT AACCTCACCC GTCACTACTG TTGTGACAGG

4351   GTTGGCAGCT TCTATGGGCT CGGTATTGAG TTTATGTGCA GCTCCTGGAA

4401   GGAGATTTGC AACTCCTCAT TCTAGAATTA TGATTCATCA ACCTTCAATA

4451   GGTGGACCGA TTACCGGTCA GGCAACCGAT TTAGACATTC ATGCGAGAGA

4501   GATTTTAAAA ACAAAGCTC GCATTATAGA TGTCTATGTA GAGGCGACAA

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4851   GGTAACGGCT TGCGTTGTGC GATTGCTCAC TTAGCTTCTC AGAAGGGAAA

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5001   TCTGTTCATC GATTGGAGTC GCGTCCTGAT CCTCTTCCCA AAGAGGTCGT

5051   TTGTATCCAT ACGGGAGTGC CTCATGCTGT CGTAATTCTT CCTGAGATTT

5101   CTACTTTAGA TCTTTCTATC TTAGGTCCTT TTCTTCGCTA TCATCAGACC

5151   TTCTCTCCAG ATGGGGTGAA TGTCAATTTT GTTCAGATAC TGGGACATTG

5201   CCAGTTGCGC GTTCGTACTT ACGAACGTGG AGTCGAAGGG GAAACTGCAG

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5301   GGATGGAAGG AGTCGATCCA AATCCATACT TGGGGTGGAG AGCTTATGAC
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5351  TGTGAGTCAA AATAGGGGAC GGGTATATCT TCAGGGCTCT GTAACTAGAG

5401  ATTTATAATT AGATGTGATT TTTGATTTTG TCATGCAAGG ATTTTAAAAT

5451  CTTGTTTAGG GATAGATCTT GCTCTCTAAC TGGGATTTTT CTATAATCGT

5501  AATTTATGAT GACGTATCCT GTACCACAAA ACCCACTTCT TTTAAGAATC

5551  CTTCGTCTTA TGGATGCATT CTCTAAGTCT GACGATGAGA GGGACTTTTA

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5651  AAGAGGATCT AAATAAGATT TACCAAGAAT TAGAAGAGAA TGCCGAGCGG

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5751  AACGTTTATC AATGAAAAGA TTTATGATAT CGATACCAAA GAAAAGTTCC

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5951  TCTTTGAAGA AGATCTAGAT TTCACAAAGA ATGTTTTGGA ACAGTTGAAA

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6051  GTTGTTGTCG AACAAAGCTA AGATTTACTA TTCCAATGAA GCATTAAACC

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6151  GAAACAACAA TTTCGAGTGA TATTTATACA AAAGTCCCTC AGGCTGCTCG

6201  TCGTTTCCTT TTCTTACCCG AGATTACTTC ACCCTCTTCA ATTACTTTCT

6251  CAGAAAAATT TGATACGGAA GAAGAATTTC TTGCTAACTT GCGCGGTTCG

6301  ACTCGTGTTG AAGACCAGCT GAATCTTACC AATCTTTCAG AGAGGTTTGC

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6501  TTTATTTTTA GACGCTGTTC TTATTGCTTC TTTACATGAT CTTATTACAA

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6651  AATTTAAGAA ACAGTGAATA GTTCATCATG TCATCACTAC TGAGCTGCGG
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6751   ATACGAGTCA GAATCAGTTG AGCACACGTC TAGTTCGGGC AAGTGTCATC

6801   TTTTTATGCG CATTGTTGAT CATTTTGGTT TGTGTGGCCC TCTCTAGTTT

6851   GATTCCAAGC ATTATGGCCT TGGCGACCTC TTTTACGGTA ATGGGGTTAA

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7101   TTCTCTCCAT TTCAGAACCA TGGTCTTAAC CATGCCTTAG CTGCTAAAAT

7151   TTTCCTATTT ATGGAGCATT TCAGCCCTGA GCCACCGAAC GAGCCTTTGG

7201   TGGATTGGGC CTGTTTGATT CGGGATTTTA GGCCTCACGT CAGTTCTTTG

7251   TGCTTTGTTA TTGAAAAACA AGGGTCATCG CTGAGGACTA AGGAAGGCAA

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7601   AGTTTGCTAA AAGGAATTTT TCTATAATTT CGGGATTGGA TGACATATTA

7651   AAATTATGTA TTCTTCAAAG GCGTCCTTTT GCTTTGCAGT GGGATAACCT

7701   CTCTGTGAAA AGTGATTATG AGGAGGCTGG GCCCGCTATT GGGATACGTT

7751   CTCTTGAGCC ACAAGTTTCT CAAATTTCTC CAGCCCACGG CCGGCTATGT

7801   AGTACTTTGG TCCAGTGGGC CCCTATCCTT GGTTCTGAGG AGCAGCTAGT

7851   TTGGTTAGAA GAAACAATGA AGCGCCTAAA GTTTCCTAAA AGTTTAGGTA

7901   GTAAGGACGC TGTTATTGTG GATTCGGAAA TGGTTCCTGT GAACGCCAAT

7951   CCTACTCAAG AGATACCTGC AGCTTCCGAG ACTGTAGAGT CTTCACCTGT

8001   AGCTCCAGGG AATACAACAG ATACCATGCC TGCAGCTTCG GGAACTACAG
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6

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8101   TCTACACCAG GGACAGAGGA GGAGCCGAGT TTTTCTCTGA GGTATGCGCT

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8201   TGTTTACAGA TGAAGAAAAA AGTCTGATTT TAGAAGCTAC TCGTGCGCGT

8251   CGTATGGAGT TGGACTTGTA TAATGGCTAT TTAGCTGATT ATGAACTTTC

8301   TAAGGATGAA ATACAGAAAC ACGTTCCTGA TTTACCTGAG AATTGGCGTA

8351   CGAATTGGCG TTGGTCGGAG AGGCTCTATA AATTTTTCTT TAAAACAAAG

8401   AAAGAAGGAT TAGAAGAAAT TTTCTTAAAC AAAGAGTTAG GGAATATGAT

8451   TCTTGCCCGA GGGCTGGCGG CAACTCAGTC ACAAGCACGT ATTAAAGTAT

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9201   TTAGAGAATA GGTCTTCAAG ATCGTGGTCC TTTGGAAGTT GCTGGATACT

9251   TTTGCTGAGA TAGCTATAGG CGTCGGGATC TTTAGAAACA GACTTTCCAA

9301   TCCAGGGGAC GACAGCACGC AAATAGAGCT TATGGGCACT ATAGGTAGGG

9351   TGTGTTTTTT TTGGAGGTGT GAGCTCTAGA ATGCCCAGTT TTCCAGAAGG

7

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9451   TCCTGAGGCC ATAGGCCATC GCTGCTAGGG GATAAGAATG ATTCTCCAAG

9501   GGCAGTTGAT TAATATCGCT ATGAATAAAA GAGCAAGAGC CCTGGGGAAG

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9651   CCTGCGCAGA GATCCAGGAG AGAGTATCCC GACCCTAGGA TCTGGATCAA

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10451  TGAGGAGGTC TGCAGGGGGA GCAAGAACAC AGCGAATATC GTTTCTTTTT

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10551  GCTTATACAT GGCTGGAGTT GGTTAGACAT GGCGTTCTCC CTTGTTGTGT

10601  GATGAGGGCC GCCATTCCCT CAGCGTCCAT TTTAATAGGT TCTTTAGATG

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10801   TTAAAGATTT TAGAGGGATG GCATGACCCT GGCCTGATTT TCTTAATCTT

10851   TTTCCTAGGA CATTATTTTC TTGGGCGAAT TTTAGAAGTA TGAAGTTTTT

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10951   CGAGGTCTTC AGGTCCTTCT TTATGATAGC AGAGCATGGT TATATTGCTA

11001   TGGATTCCCA GTTGATGAGC CATCTTATGG ATGTTGAGAA AATCAGAAGA

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11851   AGAAAAGTG TCATCATAAG AAATCCTTAG ATAGGATAGT TTCTTAATTT

11901   AAATCCACCC AGATTGGGGA ACTCCAGGCC ATAGCATTGT CTGCCTGAGT

11951   GACCCTGAGA TAGTAGAATA CAAAAGGTGC TTTACCGTTT GGATCTTTTA

12001   GGGTCACTGA ACTTAGGGGT ACCATATCAT CGTATTCATA GTCCAGGTTA

12051   TTGCTATCGG GGAAGAAGGT ATGGAGAACT TCGCCATTGC GGATGATTTC
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9

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12101   TACAGTCTTG AGTAGGGCAG TGCCTGCCAC ATGACCAGAG ATGTGACGGT

12151   TGACGTTGAG TCCAGGTTTC GACCCTGTGG AGAGTTCGGA GCCCATAGGG

12201   GCTGAAGTGA TGTTGAAGCT TAAGACGATC CTAGGTCCTG TTGTAGCGTA

12251   GCAATGACGT GCGAATAAAG CTTCAACAAG AGACTCTCGG GTATATTTAT

12301   TACAAATGAT AGCCGTCAAC CCTGGGGAAT ATTGCACTTG CGGAGAGTCA

12351   AAGTAGTCTT TATAAATTCC TCGATCGTCG AGACCCCCAG CAACAAATCC

12401   GAAGCGGAGA TTCTTCTTTA ATCCTTCAAT TACTGTACCT CGAGGATCTT

12451   CGCTATCTTT ACCTTGGATA GGGAAGGGGT TGTTTAGAGC GGCTGTGGTT

12501   TCTGAAGATC CCCAGGCATT ATAAATTTCT ACAACTCTTT CGAACTCGGG

12551   GTAGAAATTC TCAAAGTCAA AACCATGTTC TTTAGAAGCT GTGAACGAAG

12601   GAATAGAAAT CATGTCGTGG TTGACAGTGC TTTTATAGAG CTTGGCGAGG

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13051   AAATTCCAGG CTCATTGAAA TAGAGATTAG GAAGAATAAC AAAGCCTGTT

13101   TCTGGGATGA AGAGCTGCCA ATTTAAATTT TCTCTAAGAT GCTCGTAGGA

13151   AAGCTCGATT CGGGTCTCTT CAGGAGAGAA GTTGGTGAGG TTCCCGAATT

13201   CGTCTTCAAA TCGCACGGTG ATATCGAAGC GTTTGTTTTT AACGACATAG

13251   GAGGGAGTAA AGATCTCTAT TTTTTTTAGG ACGTTCCGC GGATATCCAT

13301   AGAGAAGACA TCGGGTTCAT CATAGTTTCC TTCTCCTGTA GGATCGATGT

13351   AGAGGTAAAA GGGTTTGCGA CGTTGTGCGA AAAGTTGGGC TCCGTTCCCA

13401   GCATCATCGA CTTGAGGATG GTTTGGAGAG GCTCCCATGA CAATAGTGAG
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10

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13451   GGTTTCTCCT ACTTGAAGTT CGTAGGGGAG AGTAAACTCG AATTGTGGAA

13501   CGGGATTGTC TTTTACAGGA ATGGCGGTTG CTTCGATGAT TTCGCCTTCT

13551   GGCATTTCTG CGTAGATTAC GTTTCTAGTT TGGGAGAGAT CTGTCGCGGG

13601   GGCTTCCCAA TCTGTGGGTT TCCCACTTCC TGCTAAGTCA AATTTACATT

13651   TGGTTCCAGC TGGTAGTGGT GTGGCAAGGG AATAAAGAAA TTTCCAAGTA

13701   GAAATTTGCC CTGCTCGAGC TATCGAAGGG TTAACGTAAC AAACAGATCG

13751   TCGCATAGTA AGAGGGAGGC TTTATATGAC TTAAAAGCGC CATCATATAC

13801   TAACAGTGAG GTTTTTCTCA ATCCCCGTCT TTGTTTAGTG TTTGTATCGC

13851   TTCATCCACA GTATTGAATA TTTTAAAGTA AGAAAGGAAT CCTGTAACAT

13901   AGAGAGTTTG TTCTATGGTT TTTGGGACTG TAGTCAGGAC AATTTTCCCA

13951   GAATGTTGTC CTACTTGATG GTAGCTTTGC AGTAGGACTC GGATACCTGC

14001   ACTGGACATG TAATCGAGGT GAGCACAGTC GAGAATGATA TTTTTGGATC

14051   CAGCTGCTAG GGATTGGGAA ATATTTTCTT GTACTTCTGG AGAAGAAATT

14101   CCATCAAGTT TTCCGTGGAG ATGAAAGATT GTTGTTGAGC CGTGTTCTTC

14151   TTTTTGGATA TCACTCATCT AGATAGTTCT CCTAACTATA CGGGAGCTTA

14201   AGTTTTCACT CTGATAAATC TTTAGCTTTT TTGCAAAGAG ATTTTTATTG

14251   GTGATGTTTG AGAATTTCGA TTGGGGGGAG GCAGGATGGG ATCGTGGAGT

14301   GCAAGGAAAT CGGTCCTAGG ATGTTTACAT TCTTAGGAGA TATTGAATTT

14351   ACGTTTTCTT GGTGTGATTT TTAGTTTTCC GACATTTCGT TCTGTGCAGG

14401   TAATGATTTC TATATCGAAG TTTTCGTGAT GGATACGCAT TCCTTTTTGG

14451   GGAACAGCAC CCACTTTATG GAAGACATGT CCTCCTAGTG TATCGTAGCT

14501   ATTTTCATGA TCGATTTTCA AATTGAAGTA CTCTTCAGCG TCGGAGATAT

14551   TCATTCTTCC ATCTACAATC CAAGAGCTTC CGATTTTCTT ATAAGGAGTA

14601   TTTTCTTGTA CGTCGTGCTC GTCTGCGATC TCTCCTATAA TTTCTTCGAT

14651   AATATCTTCC ATGGTAGCGA TGCCTTCTGT GAATCCGTAT TCATTGACTA

14701   TGATGGCTAG ATGGCGATGT TTTTGTCGGA ACTCTTGGAG AAGAGAGGAG

14751   GCTTTTTTTA TTTCTGGGGC ATAGAATGGG GGTTTGCTAC TGAGGATATG
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11

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14801   GGTTGGCTGA GGTCGTGGCT GCTTGTATAG AGCAGTAAGA GATCTTTAAC

14851   AAGAAGGATT CCTGTGATGT TGTCTAAGTT TTTTTTATAA ACGGGAACGC

14901   GACTGTAGCC TTCTTCGCTT ACGAGAACCA GAGCTTCTTG TAGTGTAGTT

14951   TCTTCGGGAA GTGCGAAAAT ATCTACTTTT GGGATCATGA CTTCACGGAC

15001   AATGAGGTTA TCAAAAGCGG AGAGGGCTTC GGAGAGCTGG CTTTGAAATG

15051   ATGTTGAAGA TCGTACTTGT TGGTTAGGGC GGCGTCTGTA AAAGAGCAGT

15101   TGCAGTGGGA AGAGACCGAG TTGGAATACC GAAGCTAGAA AACGGAGGTG

15151   GGCGGTGGTT TCTTTAGGGA CTTTTGTAGA GATCCATGGG GGGAGGAATC

15201   CGTAAGCTAT CAGGGCGCTT AGAGAGTATA GGGGCCAGAA TAGGAGATCT

15251   TTGTGAGCTG TTTTTGGAGG GAGGAGGGTA TAGAGTTTTG TCCCGAGAGC

15301   TCCATAGAGG ATGCAGAGCA GCGTGGCGAG AATTGTAGGA GCACTGGGGA

15351   AGGGGGGATA CTCTCTTCCT TTATCTTTGA AGAAGCGTTG GTTTAGGGTT

15401   TTTAGGAATT TTGAGGATCC GTGACAGGAC GGTTGCGTAA GCCCGAAGGC

15451   TAGGAATAGA AGAATACAGA ATATGGCTAA AAGAATATGG AGCATGTTAA

15501   GCTGTTAGCA AAGCATGTTT TTTTCTTAAC ATACACAGGA TTTGATTTTC

15551   TTTAACTCTC ATTTTTCTCT TTTCTTCTGA TGAGGTGTCG TCGTATCCGA

15601   GCATATGGAG AATAGAGTGG ACGAGGTATC TCGAGATTTC TTCGTAGATA

15651   TCCTCTTGGT TTGGGGATGT GTTCTCTAAA AACCTAAGAG CGGCCTGTGG

15701   GCTAATGAAT GCTTCTCCTA AAACATGAGG ATAAGCGGGA TCTCCGGGAG

15751   CATCAATAGG CAGAGTGATC GTATCTGTTA GAGAAGGATC AGCAAATACC

15801   TTATCATGGA GTTCTGCAAG AGCTTTATCT TCTAGGAAGT AGATAAAAAT

15851   TTCATTAGTT GTTACTTTTA AGTGCTCTAA GAGCGTAAGA ACCAGCTTCT

15901   CTACAGAAAC CAAATGAATA GGAATACATG TTTGCTCATT GGAAACATGT

15951   ATTTTGATCT TTTCTTGCGT CACGCGAATG AAATTCCCAT AGAGAAAAAC

16001   AAACTTATTT TAAAATAGGG GTCTTAGGTA AACCTGTGAC TTTTTTCGCT

16051   GTACTATCAT TCCAACGGCC CAACTTACGC AAGACTTCTA CTCGCTCAAA

16101   ACGCTTCAAA ACATTTCTTT TGGTAACCCC TTTGACAGAT TTACCATAAC
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12

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16151    TACGATGTCG AGACATAATC CTGCTCTAGA AATAAACCTA TTTTCGGGAT

16201    AAAAATGCTA TCACTGGTGC TCAATGCATT CGTATGCAAT TTATATACAA

16251    TTCTTGGAGC TGGCGCTGGA TGCACAATGG CATACTTAGG TTTACGTTTT

16301    TTAGGACTTT TCGCTCTGCG CCGAGCTTGT TTACTCATTC GTGTCATAAA

16351    TAACTCGATA TTGAATTTTT TAATTTCTCC AGACAACGGA AATTGAGGAT

16401    ACGGAGTACT TTATAAGAAA AAGGATAGTA AAAGAAGAGT TTTTTTTCAA

16451    GAAGATGACG TCTTTTAGCT GCCTTGATCT TGGTGTAGCT CGTCAGGGAG

16501    GGGAGACGAG GGGCATGCCA TGGGGGTTGA GAGGACTCCA CAGGAGATAA

16551    TATATTTGAA AGCATCTTCG ATTTTCATAT CTAGGAATAC GATATCAGAT

16601    TTTCTAAATA GGGTAAGAAA CCCTGAGGTG GGGTTGGGTG TTGTTGGGAT

16651    GAAGACCGTG ACGAGGGGGT CGTCTTCCTT TTCTCCTGTG CAGCATACTG

16701    TGGGTGCGTC TCCAGCGACG AGACCGATGC ATTGAACATT TGCGTTAGGG

16751    AAAGGAACCA TAACTACTTG TTTGAAGGAT CCTGATTTTG ATCCAAATAT

16801    GGTAGTCATG ACTTGTTGCG CAGCTTTATA CACTGTTTTA ATGATGGGAA

16851    TTCGGTGTAA GATTTTGTCG TAGATAGAGA GTAGGGATTT AAAAATCATA

16901    ATTCTCGTGA GGAAACCTAG GAGCACTGTG GCGAAAAAGA GACCGAAGAG

16951    TAAAATGATT TGCAATACGA ATTTTAGAAG AGCTCTATGT TTAGTATAAA

17001    AGCTAAATTT CTCAAAGAAT TCCGAAGCCA AGCCTACGAA GGGTTGGGTT

17051    AGGAAGTTCA TGATCATAGT AACAATAGCA ATAGTAATTG CTAGAGGAAG

17101    GAGAATAACA AGTCCTGTAA TAAAGTATTT TTTCATGATT CTCCTGCAAG

17151    ATATGAGGAA ATGGGCATTT GTTTCTTTAC TATACAGCTT AAGATTATTT

17201    AAGATAAAAC TTTTCCCGAA TCTTCTGGGG ATAGGAGAAA TCTCCATGGG

17251    ACATCACGAT ACTCTTGAGC ATAATCGATG CCGATCCGGG CAGTTGCTGT

17301    TAGAGTCCCA GAGATTTTTT CTTTGCTGAT ATAGAGAGCT GGGGTATTTA

17351    GGCGTTGCCT ATTGTTTTCC AAAGAGATTC CTAGAGCTTG GCACACTTTT

17401    CCGGGTCCAT TGGTGAGAAG GTGTGGGGGT TTATCTCTCC ATTGGCGGCG

17451    TTGGATCATA AGTTCTTTGC CTTGATCAGG AAGGATGGCC CGGATCAGGA
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13

17501   CGGCATGGGG AATGTCCTCA GGTCCAGTGA CAACATTCAA TAGGTGATGC

17551   ATGCCATAGC AACGGTAGAG GTAAGCAGAG CCTCCTTTCA GGTACATCGC

17601   TCTGTTCCTC TGAGTTTTTC TGTAGTTGTA GGCGTGGCAT GCTTTGTCAT

17651   CAGGGCCACG ATACGCTTCG GTTCTACAA TGTAACCTGA AGTTATCAGA

17701   CCCTCATGTG TTGTGATGAG TTTATGTCCT AAAAGCTGTT GCGCTAGTGT

17751   AATTACATCT TCCGATAGAA AAAAATGTTC TTGTAGCACG TTACGAGGCT

17801   CTTTTTTTCG TTCCTTTTTT CTTAGAAGGC GTTTTCTTTA TTTTCTTAGG

17851   TTTATCTTCT GTGGTTGTCG CTATAGACCA GACGATTTTT TGCGTAAGGA

17901   GATTCACGGA ATCAATAGTG ACTTTATAG AAGCTCCAGG TTTCATTTTA

17951   TCTGGGATAG ATTCTGGAAG AGCGTTTTTC TTTAGGGAAT ATTCTTTAGG

18001   GAGTTCTGCT GCTGCAATGA ACCCTTCATG GCAGAATTCG GTCACTACAA

18051   ATGAGAGTCC TTCATGATTT GCAGTGATGA TATACGCATG GTATGTAGTT

18101   TTAGGTTGCT CTTGCAAAAA TTTATTTATG AACCGAGTTT TTTTGAGGTT

18151   TTCGAAAGAA TTTTCTGCTT TTGCGGATAC TCGTTCTTTT GTAGAGCATG

18201   CTCTTACGAT AATTTCGAGG TGCGTTTGGT CTATAGATAG GGGGTTGAAG

18251   AGAAGCCTGT GAACAATAAG ATCGATATAT CTACGTATGG GACTCGTAAA

18301   GTGGGTGTAG TAGTCGAGCT TAAGTCCGTA ATGACCTTTA TTTTCTGTAG

18351   AGTAGGAGGC TGTTTTCATA CTTCGGACAA ACTGCGAGTG TAGAACTTGC

18401   TCTAGGGGAT GTCCTGCTGA CGTAGTTTGC AAAAGGTATT GGTAATCAGG

18451   TTCTTGTGTG GGAGTGAACG TGATATCAAA GCCCATGTTT TTTGCCAATT

18501   CTTGGAAGGC GAGTAGGTTT TCATCATTGG GAGGTTCGTG ACTACGAAAA

18551   GGTAGAGAAA CGCCTTGATG GGAGATATGA TAGGCGACCA CTTCGTTTGC

18601   TTTAAGCATA AACTCTTCGA TGAGTTTATG GGAGAAGGTC TGGTGGTTTT

18651   CTATCAGAGC TACGGGTTCT TGAAGATTAT CCAAGGACAT AGTGACTGAG

18701   GGGAGGACAA AGCGAATGCA ACCACGTTCT TCACGGATAT CGGAAAACTT

18751   TTTACTTAGA GTGGCCATCT CATTGAGGAT TTTTGAGAGG GGGTGGGAGT

18801   GTTTCTTTTC AATGATGTTA TCGACTTCAT CGTAGGTCAT ACGATATTTG

14

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18851   CTTCGAATGA CGCTACGGAA AATCTGGTAA TCTGAAAGAT GACCTGATTT

18901   TGTAAACGTC ATAAATACGG ATACAGCGAG TCTATCAACG TTTGGTTTTA

18951   AGCTGCAGAG ATTATCAGAG AGTGCTGATG GCAACATGGG AATGACTTTC

19001   CCTGGGAAAT ATGTAGAGTT ACAGCGTTTA GCAGCTTCTT TGTCTAGGTG

19051   AGAATGTGGG GTAACGTAGT GGGAGACGTC TGCGATGTGT ACACCAAGAA

19101   TGTAATTGTT ATTATGATCG TAGGTGAGGG AGATGGCATC GTCGAAGTCT

19151   CTGGCTGTGG AAGAGTCTAT GGTGAAACAG AGGAGATCAC GGAGATCTTT

19201   GCGAGAGTGG AGAACTTGGG TAATGTGTTT TTGAGAGAAA AGGCTTGCTT

19251   CTTCAATGAC CTCTGGGGGG AATTCTTCGG CAAGGTTATA TTCGGCTTGA

19301   ATTGCCTGAA AGTCCGCTTT AGCGTTGGTG ATGTGGCCAA TAAATTCGAG

19351   CATTTGTAAG GCTGGAGAGG CTCCTTCTTG GGGTTTATCT ACCCAGGGAG

19401   GAGTGCTCAG AAGAATGCGA TCGCCGATTT TGTAAGTGCG TCCGGGAAGG

19451   AGTTCTACTG GAATTAAAGA TTGGGATCCC GACATGCTTG TGTAGGCAAG

19501   TGCTGATGTG GGACTGACTA GTGAGGTGAT CGTTCCTACG AGTGTTGTTT

19551   TTCCTCTTGC GAGTACTTCG CTGATAGTGC CTTTGAGTTT TTGTCCGTCT

19601   CTTGGATAGG GAAGCACGGA GACAATCACG TGGTCACCAT CTAGAGCCCC

19651   GCGTAAATCT CGGGCGGGAA CAAAAATATC AAATGGGTAT TCTTCGGGGT

19701   TGTCGGGAGA AACAAAACCG AAACCTTTTC TAGCATGAAC AAATAGGGTT

19751   CCTGGAATAA AAATCTTCAA GGATTTACCG TATGTTCTTC TCCCTGGTTT

19801   TCTTTTTGGT TTTTTCAACA ATTGGGCTCC GCCTGTAAGT TTAGGACATT

19851   GAACGAGAAA TCCCGTAGTT TCACTCGTGA ACTGAGTGGC TCAACAAAAT

19901   TTTCCCTTTT AAGTGGGTTT TGTGATTATG AAAGGAGCAG TCTCAAATTC

19951   AAAGCCAATT GTACTAAAGA AGCTCTGTTA TTGCAACTCC TTGATCAGAG

20001   AATAAGAGAA TGGAACTGTT TTCTGTTTAT AAGGAAGTTT CCCATCCTCT

20051   TATGAGGATG GGAATAGAGA AACTTAAATT GAAAATTTTG ATTACTTATC

20101   GTCGTTATCA ATAATTTCTA CATCAGCTTC TTCGATATGG TCTTCTGAAG

20151   AACCGTTATT TGAAGGAGGC TTCGTACTGA AACTATGTTT TTTCAAATCT
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15

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20201   TCTGTATTGA TGTTAGGTCC ACCTTTAGCA TTGGCTGCCG ATGATGCTGC

20251   TGCTGATGCA GACTGCGATT GCATAGACTC TCCAATTTTT TGCATATGCT

20301   TGCTTAGGTC TTCAGTAACC TCTTTAATTT TTTCAATAGG AGCGTCATCT

20351   TTGAGTGCGT TGCGCACGTT TTCGATTCGC TCTTCGATTT CTTTAACTAA

20401   AGTTTCAGGA ATTTGCTCCT TATAATCTTT AATAGCTTTT TCGGCTCTGA

20451   AGATCATGCT ATCGGCTTCA TTTTTAGCAT CTGAAGCTTC ACGACGTTTT

20501   TTATCTTCTT CCTTATTAAT TTCGGCATCT CGAACCATTC TTTGGATTTC

20551   ATCTTCTTGA AGTCCTGAGC TTGCTTCGAT ACGAATTTTC TGTTCTTTAC

20601   CGCTGGCAAC ATCTTTAGCT GAGACATGGA AAATTCCGTT TGCATCGATA

20651   TCGAAGGAGA CTTCGATTTG AGGATGGCCT CGAGGAGCCG GAGGGATATC

20701   TGTAAGATCG AATCTTCCGA TTTCCTTGTT ATCTTTGGCC ATGGGACGCT

20751   CTCCTTGGAG AACTACGATG GTAACCGCAG CTGGTTATCA GCAGCTGTGG

20801   AGAAGATTTG TTTTTTCTGT GTAGGGATTG TAGTATTTCT CTCTACCAGA

20851   GTCGTCATGA CGCCTCCTAG AGTTTCGATA CCCAGAGATA GGGGGATAAC

20901   GTCTAGAAGT AGAACATCCT TAACTTCTCC GCCAAGAACA CCACCTTGAA

20951   TTGCGGCTCC AATAGCAACA ACTTCGTCGG GGTTGACTCC TTTATTAGGC

21001   TCTTTGCCGA AGAGTTCTTT TACAGTTTCT TGCACTGCGG GCATTCTTGA

21051   CATACCTCCA ACTAAGAGAA CATCATCGAT ATCCTTAGCG GAAAGTTTTG

21101   CGTCACTGAG TGCTTTGATG CATGGAGATT TTGTTCTTTC GATTAGAGAG

21151   GCTGCGAGTT TCTCGAATTG CGCACGTGTG AGTGTCAATG CAAGGTGTTT

21201   AGGTCCTTGT GCATCCATTG TGATGAATGG CTGATTGATT TCTGTGGAAG

21251   AGACTCCTGA AAGTTCTATT TTTGCTTTCT CAGCAGCATC TTTAAGTCTT

21301   TGTAAGGCCA TATTATCTTT GCTAAGATCA ATGCCTTCTT GTTTTTTGAA

21351   TTCTTCGATC ATCCATTTGA TAATGACTTC ATCAAAGTCG TCTCCACCGA

21401   GGAGAGTATC TCCATTTGTA GATAGAACTT CGAAGACGCC ATCACCGATT

21451   TCTAGGATGG AGATATCAAA AGTTCCTCCA CCAAGGTCGA AGACAGCGAT

21501   TTTTTTATCA CCGACTTTAT CGATTCCGTA GGCAAGAGCT GCTGCGGTAG
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16

21551   GTTCTGGAAT GATACGTTTT ACATCTAGAC CTGCAATGCG TCCAGCATCT

21601   TTTGTGGATG CTCGTTGAGA ATCATTGAAG TATGCGGGGA CGGTGATCAC

21651   TGCTTCTGTG ACAGTTTCGC CTAGATAAGC ATCAGCTGTC TCTTTCATTT

21701   TCATTAAGAT TTGTGCGCCA ATTTCTTCTG GAGTGTATTG TTTGCCATCA

21751   ACTTCGAAAA CGGCATCACC TTTAGATCCG GAGGTGACTG TATAAGGAAC

21801   GGTTTGGATT TCCGAAGCTA CTTCAGAGTA CTTACGGCCA ATAAAGCGTT

21851   TTGTAGAGCC GAGAGTTTTT TCTGGATTTG TCACTGCTTG ACGTTTGCT

21901   GGAATCCCCA CTAATTTCTC ATTACCTTTG AAGGCAACGA TCGATGGCGT

21951   GGTTCTTGTT CCTTCGGATG ATGTAATTAC TTTAGCTTGT CCTCCTTCCA

22001   TAACAGATAC GCAGGAGTTT GTTGTGCCTA AGTCTATACC TATAATTTTG

22051   CTTGATTTTT TGTGTTCACT CATGTTTGGT ACCTAATCTC TAGGGGTTAT

22101   TTCTATTCTT TATTTTCTTT GGGAGTAGGA GCTTTAGCGA CTTTAACTTT

22151   AGCTACCCGA ATCGGGCGTT CTCCTATTTT ATATCCCTTT GCAAACTCTT

22201   CTAAAATCGT CCCCTCAGGA ACTTCAGAAG TCTCTTCTGT TTGCACCGCT

22251   TCGTGTAGGA AGGGGTTAAA CTTTTGGCCT ATTGAAGAAT ATTCAATAAT

22301   ACCTTTTTCC TCGAAGATTT GTTTGAATTG GTTGAGAATC ATGTTGAATC

22351   CGAGGGCCCA ATTTTTTACA TCGTCGGACA TTTGTGTAGC AAATCCGAGG

22401   GCTTCTCCA TGCTTTCTAT GGGATTGAGA AAGTCTATTA AAGTATTTTC

22451   TAAAGCATAC TGCATAAGTT CTTGGCGTTC TTTTTGTAAG CGTTTTCTAG

22501   AATTCTCAGA TTCTGCTAGA GCCATGAGAT ACTTATCGTT TTTTTCTTTT

22551   AATTCGGTTT TTAGGGTGAC GATTTCCTGT TGCAAATGTT CAACTTCATT

22601   TTCGTTTTGA ACATTGCTTT CGTGTTGTTC CTCATTTTCA GGTGGGGTAT

22651   CTGTCATAAC GTCTCCTTAG AGGGTAATAG TTTTATAGAA GAGTACTCCG

22701   TTCTTAAAAT AGGCTCATTC GAAAGCTTAC AGTTAGAGGT GAGTGGTCTT

22751   CTGAAGGATA GTTTAAATTT GTAGAAACTT TGTGTCAGGG TTTCATTTAT

22801   TTTATTCGCA AATAGTTTGA GCAAAGGAAG AGCTTCCTTA TAAGGAAGAT

22851   TGATCGGGCC TAGGATACCT AAAGCTCCGA GTGGAGAGCG ATTCATATAA

17

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22901  TAGGGAATAG TAATTACAGA ACATCCTGGA TTCGAGGTCC CTAAAATATC

22951  AGAAAGCTCC TTCCCTATGA ACGCTGTAGC TCTTCCTTTA TGCATTCCTA

23001  TATTTAGAAG CTCACACATT TGTCTGCGAT TTTCAAAAAG AGAGAGTCCT

23051  AGAGCTAGAA CTTCAGGATC TTTAAACGCT TCGTATTTCA GTAGTTTCGA

23101  CATTCCTGTT TGATAGAGAT CTTCTTCACT AAAGTTGCAG TAGCGTGTTA

23151  GATAGCGGAC AACCACCTCA TTATAGAGGG ACATGCTCAG GTGTTCTTCT

23201  TTTTTCGAAA GTTCCTCATT TGTGGGGAGC TTTCGGATGT AGTTCTGCAG

23251  GAATTTTTCT ATACGTTTGA TAGAAAGAGT ATCGCAAGCT TCAGGCAGCC

23301  ATAGGGTGTC TGTGAAGATC TGACCAAACT CCGTAGAGAG GATGGTGACA

23351  GCTCTTTGCT TATCGACCTG TGTAATTTGA ATATTGGTTA CGGAATCATT

23401  TTCAAAGCGT GGGGAAGAAA AAAACGTAGG CAGGTCTAGG ATTTCTCCAA

23451  GAAGTTCCGT AGCTTTTTGT AGATCCTTGA TAATATTGCG ACTTTCGCTA

23501  GGAAGCTGAC TGATCTTATC AAAAATGGGG GCAGAAATCT CAGCTTCTGG

23551  GCATTCTTCT TGGTGATCTA CATAGTGACG TAATGCTAGG TCTGTAGGGA

23601  TTCTTCCTCC GGAAGTATGA TTTTTTTTA AGAATCCTTC AGCTTCAAGT

23651  TCTGCAAAGT AATTTCTTAT AGTTGCCGTA CTCAAATCAG AGCAAAAACT

23701  TTCCTTTAAA GTTTTAGACC CTACAGGCTG CCCTGTTTTT AGGTACAACT

23751  CTGTTGTAGC AAACAGGATA TCAAGGATTT TTGAATCTCG CTTTGAGACT

23801  TTGGATCTAG CCATCTCGAG TCCTACTAGA ACAATCGTAA CTGAGAGCAT

23851  TATAGGAAAA GAACCCGAGA AGGTCAAGAG AATTTAGCAC TCGAATTGAA

23901  TGAATGCTAA CTTTTTTACG AGGAGGGCAG CGATCAAAGA GCTAGGCTAA

23951  GTGATTCTGA CACCAAGTAG GGAAGGCCTC CGGGGAGACT GTATACTTTT

24001  CTCCAGATCG GGATTCAATT TCGAATATTC CCGAAGATTG GTAGGACTTT

24051  CCTAAAATAA GCTTATAAGG AATGCCGATA AGGTCACTGT CTTTAAGTTT

24101  AAATCCGAGT CTTTCATCTC GATCATCAAG AAGGGGCTCA TAGCCTTGAC

24151  TTTGTAGCTC ATGATAAATA GTTTCCGCAA GCTCTTGAGA TACAGTGTCT

24201  CCTCCGTTAA AGGCGATAGT GATAGAGAAG GGAGCGAGTG CTTTTGGCCA
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24251   AACAATACCA CGGTCGTCGG CAAGCTGTTC TACACAAGCG GCTAATGTTC

24301   TTCCGACTCC AATGCCGTAG GTCCCCATCC AGCACTGCTG GGTTTGCCCG

24351   TGTTCATCTT GGAAGTTTAC CTCAAAACTA TCGGTATAGC GTGTCCCGAG

24401   ATTGAAAATA TGAGCAACTT CTATGCCTTG ATAAATGCGG TAAGGATGGC

24451   CAGGATTTTC AGGACATGTG TCTCCCTCTT CAGCGAGTAG AAAGTCACCG

24501   TATTGGGGGG GGAGGAGGTC GCGATCCCAG TTTACATTTA CGTAGTGCTT

24551   ATCTTTAGCA TTGCCCGCAC AAACAAAGTT CGTCATTGGG GACGTTGTTT

24601   CGTCTGCGAA AAAGTCTATG GGACAGTTTA GGGGACCGAT GAATCCTTTT

24651   TCTGTGCCTA GAACGCGTTC GATTCTTCA TCAGAAGCTA GAGCAATATC

24701   ATCGGCATTC AGTTTGGAAG CGACCTTCAC TAGGTTGACT TGCCGATCTC

24751   CTCTCATTCC AATGGCAATG AATTTTTCTT CATTTGAGTA GGAGAGTTTT

24801   ACGACAAGGG TTTTTAAAAT TTTATGTAAG GGGATAGAGA AGAAGTTTGC

24851   TAGAGCTTCT ATTGTTGTAA TCCCAGGGGT GGCCACTTCT TCGACGGGAA

24901   GAAACTCGCG ATCGTAGGCA TGCTGTGGAG GAATGGAGAC AGCAGCCTCA

24951   ATATTAGCTC CATAGGAACC GCTGACGCAG ATCGTGTCCT CGCCTAGAGA

25001   GCAAAGGACC TGAAATTCCT CAGACTTTCC TTTGCCGATT TTCCCTCCAT

25051   CAGCTGTAAC GATGACATAG GCAAGACCGA GACGATCAAA GATCTTACTA

25101   TACGCAGAGC GGAGTTTTTC ATATTGCTCG TTCATTTGTT CGGGAGAGTC

25151   TGAGAAGGTA TAGCTGTCTT CCATAAGGAG CTCTCGAGAG CGAATGAGAC

25201   CGAATCGAGG GCGAATCTCG TCTCGGAATT TTGTAGCAAT TTGGTAAAGG

25251   TGGAGAGGAA GTTGTCTTTT TGAGGAGAGC CATTGTGCAA CAAAAGAGCA

25301   GATGACCTCT TCATGTGTAG GAGCTAGGCA ATGAGATTTT CCTTCGCGGT

25351   CTTTGAGAGT GTAGAGCAGT CCTTCCGAAG TAAATGCCTC CCATCTCCCT

25401   GTATGTTGCC AAAGTTCAGC ATTGTGGAGA AGTGGGAGTA GAAGTTCTTG

25451   ACCTCCAATC GCATTAAGTT CCTCTCTAAT GATGTTCATC ATCTTGGAGA

25501   CCACGCGCCA TAACAGGGGT GTATAGGTAT AGACTCCTTT ACTTACTTTA

25551   AATAGGTATC CTGCCTTTTC TAGGAGCTCG TTTGAGAGCA CAGCAGCGCT
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19

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25601    TTTATTTGCA TTTTTTGAAG TCTTATAAAA GAGTTGAGAC GTTTTCATAG

25651    AGTGGGGCTG TTATCTTCAG TGATTGATCG TCAAGAGTCT ATAGAAAAAA

25701    TTACAGGCTA TTGCGATTTT ATATCGAGAG TCTTTTAAGC TAGTAGATTT

25751    AGTTTAGCTA TGAAGGAGGT ATCTTAACAC AGGGATTTTT CTAGATCAAT

25801    GTTTTGCGTT GGGTTCTTAA CTTAACAATT GGGGTCAGGA TTATGTATTA

25851    TTTTAATTAT ATTTTTGTTT TTATTTAGAA ATTTAATAAT CTCAACTTAT

25901    AATTAAGTGT ATACTTATTA ATCTTTTATT TTTGTAATTG TAGTACTATG

25951    TCGTCAGTAA ATCAAAGCTC TGGAACCCCG AATCCAGAAG AGGTAACTTC

26001    TCCTGAATCT ACGGAAGAAA ACAAAAATGT TGTTTCTTCA GATGAGGCGC

26051    AAGCCACGCA TGCTGTGGCT CTTCCTATAG TCACTCAACT TTCTCTTCCT

26101    GAAGGTGTGG GGACCTCATC TGAAGAAACG GCGAGTAATC CGAGGGTAGA

26151    CGAGATTGTA GCTGAAGTTT CTTCGAGTCG GGCGGTTGCT GATCAGATCT

26201    CATCACTTGT AGAGCGTGTT GGAGAGCTTT TAGACGACCT TAAGGGTGCC

26251    CAGTCCCTTT TCACTAGCTT TCAGTCAGAG TTGAAAAACT GTCTTCCGGC

26301    ATGGAAATCT TCAACGAGAA GACTCGAAAC TCGAGGTGCT GGGGATAATG

26351    CGGATATAGC GAGGCTGGAA TTATTTCGTA GCGATTACGA GGCTGTCTTA

26401    GGCCATGCGA ACCAGTTTCA TGGGAAGGCT CATCTCATTT TAAGTAAGTT

26451    AACAGATGTA CATCACAAGC TACAGGGACT CAGTCGTGAA GATCTTTCCC

26501    TGGCGTTTGA CAATAATGAT AGGGTTCTTG AGCATCTGGG TTCGTTAGGG

26551    CTTGATGTAG ACGCTGAAGG TAATTGGTCT CTTTCTTGTG AGAGGGGGAT

26601    TCCGCGACTG GTGCTTACTG CTGACAGTAT GCTTGTCCAG ATCAAGAAAG

26651    TGAATCTACC TACTGTAGAA GAATTGCGGA CTCTTCAGGG AACAACGGAA

26701    TCTTCGTCTG ATCCTAGGGT TGAAGAAAGT TTGTCTTGCT GTGAAAGATT

26751    GCTCAATGAA TTACGTCGTC TTTGGGCGAA TTTTGTAGGT TTTATTTCGA

26801    GTTGCTATGA CAACATCGTG TTTGTTTTGA TGTGGATAGT GAGACGGATT

26851    AACCTTTTGC CTGGGCTGGG GTGTTTGCCT TTCCATAATC CCGATGCTTC

26901    TCAAGAAGAC CAGAGGTCTT CTTCCGGAGA GCGTTCTACA AGGAGAGAAC
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20

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26951  GCCTTTCTCG GCGATCTGAC TTATCTGAGG AAGAGATGAT TGTGAGAGCT

27001  GAGGGAGAGT CTATACATCC TGAATCTCCC CATGGAGATG GCCGTAACCA

27051  ACCTAGTCGA GGTGATAAGC AAGACTCTGA TAGTGAGGAA GAGACGGAGT

27101  TATAATAAAG AATGATCTCT TCTGAGTAGA AACTATCGAA TCAGAATTGC

27151  CAGCTTTTAC TCTCACCCAG TCCTATTTTT ATAGTTCAAA TTGCGGTGGT

27201  TTGTTTATTG TTTTTTTGAA TTTTTGTTAT ATGGTGGCGT CTAATATTGC

27251  CGATTAAGGA GGGCGCCCTT TATGAATAGA AGAAAAGCAA GATGGGTAGT

27301  GGCATTGTTC GCAATGACGG CGCTCATTTC TGTTGGGTGT TGTCCTTGGT

27351  CACAAGCGAA ATCAAGATGT TCTATTGATA AGTATATTCC TGTAGTCAAT

27401  CGTTACTAG AAGTTTGTGG ACTTCCTGAA GCTGAGAATG TTGAGGATTT

27451  AATCGAGTCC TCGTCTGCTT GGGTACTGAC TCCTGAAGAA CGTTTTTCTG

27501  GAGAGTTAGT CTCTATCTGT CAGGTTAAAG ATGAGCATGC TTTCTATAAC

27551  GATTTGTCTT TATTACATAT GACTCAGGCT GTGCCTTCGT ATTCTGCAAC

27601  GTATGATTGT GCTGTAGTTT TTGGCGGGCC TTTGCCAGCG CTACGTCAGC

27651  GCTTAGATTT TTTGGTGCGA GAGTGGCAGC GTGGCGTGCG CTTTAAGAAA

27701  ATCGTTTTTC TATGTGGAGA GCGAGGGCGC TATCAGTCTA TTGAAGAACA

27751  AGAGCATTTC TTTGATTCTC GGTACAATCC TTTCCCTACT GAAGAGAACT

27801  GGGAATCTGG TAACCGAGTT ACTCCCTCTT CTGAAGAAGA GATTGCCAAA

27851  TTTGTTTGGA TGCAAATGCT TTTACCTAGA GCATGGCGAG ATAGTACTTC

27901  AGGAGTCAGA GTGACATTTC TTCTAGCAAA GCCAGAGGAA AATCGTGTGG

27951  TTGCGAATCG TAAGGACACC TTACTTTTAT TCCGTTCTTA TCAAGAAGCG

28001  TTTCCGGGAC GCGTGTTATT TGTAAGTAGT CAACCCTTTA TCGGTTTAGA

28051  TGCTTGCAGG GTCGGGCAGT TTTTCAAAGG GGAAAGCTAT GATCTTGCTG

28101  GACCTGGATT TGCTCAAGGA GTCTTGAAGT ATCATTGGGC TCCAAGGATT

28151  TGTCTACATA CTTTAGCGGA ATGGTTAAAG GAAACGAACG GCTGCTTAAA

28201  TATTTCAGAG GGTTGTTTTG GATGATTCAT GGATCTTAGA GGTTAAAGTC

28251  ACTCCAAAAG CCAAAGAGAA CAAAATTGTA GGCTTTGATG GACAAGCTTT
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21

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28301  GAAGGTCCGT GTTACCGAAC CCCCAGAAAA GGGTAAGGCC AATGATGCTG

28351  TAATTTCTTT ATTAGCAAAA GCTTTATCCT TACCGAAGCG TGATGTCACT

28401  TTAATTGCAG GAGAAACTTC TCGAAAGAAA AAGTTTCTTC TTCCTAACAG

28451  AGTTCAAGAC ATTATTTTTT CTTTGCATAT AGACGTATAG CCTAACTCAC

28501  AGCTACGTTT TTCCCTTTCT CAGATTTTTC CAATTTTTTG CTTTTAAAAG

28551  ATAAGAACTG GTTGCGTTCT GTTTTATGAA GCTTGATTCC TAAGTACTTG

28601  ATGATATCTT CATTAAAGGT GGTTGTAGGT GACAGGCGTT GAGCAATGAT

28651  TTTACGCAGG CTGTCCACAT CGTGATTGTT ATAGAGTAGG TGGTGCACAA

28701  TTTTTGCGAT TTGTTTTCCT GATTTTTTGT AATCCACGCT ACAGGCAATG

28751  CAGGCTCCTT CGGAAATTAA GGAGGTATCG TCGGTAATGA TAGGGATTTT

28801  CTCTTTGAGG ATTTCCTGAA GGAATGCGGT GCCTTCTTTA TGAGAAAGTG

28851  GGGAGAGGGG AATGAAGATA GCTGAGGGGC GCTTGTCGAT AGCCTGGCGT

28901  ATCCGGGTTT TGAATGTACT GCTTGTAATA GAGATCTCAA TGACCTCAAT

28951  TCCTGAAGCA TGGAGTTTCT TAACAATTTC TTTTTGGAGA TCTGAGGGGA

29001  AAGGTTCGGA GGGTTTTAAA TACACGATAG ATTGTGCATT GGTAGCTACG

29051  GCTTGTATAG CAAAGCAGTA TTGATTGATG TCTAGAGTGT CATTCACTCC

29101  GTAGATATTC ATTGTGTTTT TAGGAAGGGT TAGGCTTTCG CGATCAGGAA

29151  CAGCGGCATA GATCACAGGT TTCTGTGTTT CAATGTGGCT CATGACCTTC

29201  GTAGCAATAG TTCCTAAGGT GACAATCGCC ACGACATTTT TATCGGTATG

29251  TAAGGAGCGA GCAATTTTCC TAGCCTTTAC GATACTGTCT TCAGCATTTA

29301  GGACAACAAT TTCAGGAAGG TTCTCAAAAT CTTTCAAGGT TTCTATACAG

29351  CTTTTACTGC AATCTTCTAA TAGGGGATGG GGAAAGGATA AGAAAATTGC

29401  GATTTTAGGA GAGGAGACGC TATCTGGTTG AGAACCACAA GTGGCTACAT

29451  AGATGAAAGA GCAAAACAGA GAAAGAAAA ATAAGTACTG AGAGAGTTTA

29501  CGTAGAATTG TCATGCAAGA ACCATCGTTT CTTTTAGTGA AGCGGTACAG

29551  AGGCGGTCAC AGGCTAAAGC GATATTTTGT GGTTGTGTCA GAGCGGAGAA

29601  ACGAACAAAT CCTTGTCCAC AGGAACCAAA ACCGTGGCCG GGAGTCACTG
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22

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29651   CAATATGATA CTGATGTAAG AAGAAATCAA ACGCTTCTTC ATCAGAGATT

29701   CCTTCAGGGA GTTCTACCCA AAGGTAAGGG GCATGATCGC CACCATGAAC

29751   TGAGAATCCT GCAGTTTCTA AGCTTTTTTT AAGTTTCTGA GCATTGGTTA

29801   GATATAAAGA GATGGCGGGA GGTGTCGGAA ATAAATCTAG GCCGTAATAC

29851   CCTGCTTCTT GCATGAGGAG AGATGCTCCG TTAAATGTAG TCGCAAAGAG

29901   CCGTTTCCAA TCGTTGATCA TAGGTTCGTT ATTGTCATAG GTGAGTTCTT

29951   TAGGGATCAC GTTCCAGGCA AGGCGCATGC CAGTAAAGCC TAATGATTTA

30001   GAGAAGAGT TGATTTCTAT AGCACAATAT TTTGCTTCAG GGATTTCGAA

30051   GATGCTTTTA GGTAGGCTAG GATCTGAGAC AAAGGCGCTA TAGGCCGCAT

30101   CAAAAATAAG AACGGTTCCG TGCTGATTCG CGTAGTTCAC AAGTGCTTGG

30151   AGTTGTTGAA AGGTTAGAAC TGTTCCTGTG GGGTTGTTAG GATAGCATAG

30201   ACAAAGAATG TCTAGGGATT GTTGGTTCGG AAGTTCTGGA ATAAACCCAG

30251   TTTCTTTTCT GCATGCTAGG GGGATAATGT CGCGGATTCC TGTAATGTGG

30301   GCAATGTCTC TATAAGCTGG ATAGACAGGA TCCTGTAGAC CTAGAGTCTT

30351   TTCTGAGCCA AAAAAAGAAA AGAGACGGAA GATATCAGGT TTGGCACCAT

30401   CCGAAATAAA AATCTCTTCA GGGGAGATTC TATTTTCATA GACTTCAGAG

30451   GCAATTTTTG TGCGTAATTT TTCTAATCCG GTTTCTGGGC CGTACCCACG

30501   ATAGGTCTCT TGTTTCTCTT GAGAAACGCA GAACTCTTTG ATTGCCTGAG

30551   TAATAGAGCG GCAGAGAGGT TGTGTCGTAT CTCCGATAGA AAGATCTATG

30601   ACAGAGATTT CTGGATTCTC CTTGCGAAAC TGAGCAAGCT TTTTACTAAT

30651   TTCAGAAAAT AGATACTGAG GCTTGAGAAG AGAAAAGTGG GGATTTCTAC

30701   GCATAGCGTG CTCCAGGTAA GGGCGTGATT CACTTGGAAG ACATCTTAAG

30751   AAAGCCCCAG CTTTTTGGAT AGCCATTTTC TGATTTTTCT TTAACCGCCT

30801   CTATAAAGGC AAGGAGTGCT CTGTAGTTTC GGTTAATTAT TAAGATATAT

30851   TTATAATTCT GTTATTAAA AGTTTTTTAA ATCTTTTCTA ATTTGCTCAC

30901   TATAATTAAA GGATAAGATT TGAAAAAATT TTTTAGGTAA TTATGATAAG

30951   GGTCAATCCT TATGGAAGTT ATAGGGGTAG GAATCCTTCT CCAGAAGATG
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23

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31001   GGAAAAAGGA TGTACCCCTT TCAGGGAACT CTCGCTTGCA TCGTCGTGGT

31051   GGGATTCGTA GAAAGCATAA GAGTGCTTCA GTTGGGGTGA CCTCGGGTTC

31101   TAAGACGGGG AAAGCTTCTT TAGAGAAGAA GGTCAAAGGC ATTTCAGAAG

31151   CCCATTTCAA ATAATCCAAG ACAGAAGGTT CTCATTCGAA GACAAGCAAA

31201   GGATTCGTTG GCAGATTTGT TCAATGGATT AGAACGTTTA CAGGACGTGG

31251   AAGCAAGAAG CGTTCTCCCT CAAGTTTTTC TCCAACGCAC CCTTACATAC

31301   GTTTGCGAAC TTACACACGC AGTCCAAAAC AGAGTGGTGT AGAGAGAAAA

31351   CAAGAAGATG CTGAGACCTC ATTTATAGAG ACACCCAAAG GGATCTTGAA

31401   AAAGCCTGGA AACAAAGACC CCAAAGGCAA GCACGTCCAT TGGAAAGACA

31451   GCTAATCCGG ATCAGAGCTG AGATCCCTCC TTCTCTTCAT TAAGAGGGTT

31501   CAGAGTTTTA GGTCTCTGCG GTAGAAGGGA GGGAATCCAT AAGGAGAAGA

31551   CCAGTGGATT TTCAACGGAG ATTCTAGAAG GAAACAAGCT GATTCTACAT

31601   GGAGATGTTT GTAGGTCTGT TGTGAATTCC TCTCTTCACA GATCGGAAAG

31651   ATCAATGAAA AGAGTTAGGG TCTCTTAGTT TTAAGAATTG CTATACAATA

31701   TTGCGAAATA AATACTTTCT TCTCTATACA CTGTCTTTAC GATGAAGACA

31751   GCTTTTCACT CTTGCTATTC TTGGTTTTGT TGGCTCTTTA GCTTCTTGGT

31801   ACTCTTTGTG GGTGGCATCG CTGGGGGAGA GCCTTTGTGC CCCGATTGCA

31851   AATACGAAAC TAAGTCTGTT TTACGTTCGG ATCAGCTGCC GGATCATCTC

31901   TGGAACTATG AAAACGACTG TTATCTTACA GGTTATGTGC AGTCTCTTTT

31951   GGACATGCAT TTTTTAGATA GCCGTACGCA AGTTGTTATT GAGAAGAATA

32001   GAGCGTATCT TTTCTCTTTG CCTGTAGATT CGAGTTTATC AGAAGCCATT

32051   ACCAACTTTG TTAGGGATCT TCCCTTCATA TGTGCTGTGG AGATTTGCGA

32101   GCGTCCTTAT GGTGAATGCA TAACGAGATC TTCTGCGGAG CGTCCCTTAC

32151   TCCCTAAAGA GAAAACTTTA GGAATGCCAA TTTTCTGCGG CAAAGAAGGG

32201   GTATGGTTAC CTCAAAATAC CATTTTGTTT CTCCTTTGA TTGCAGATCC

32251   TCGTCAGGTT ACCAACAGTG CTGGCATTCG TTTTAATGAG AAGGTCGTGG

32301   GGAATCGGGT AGGTGCTACC ATCTTTGGGG GAGATTTTAT TCTCCTGCGT
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24

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32351  CTTTTTGATG TTTCTCGATT CCATGTAGAT TGTGATTTCG GAATTCAAGG

32401  AGGAGTCTTC TCAGTTTTTG ATTTAGATCA TCCTGAATCG TGCATGGTAA

32451  ATTCAGATTT CTTTGTTGCC GGACTCTGGT CAGGGGCTAT AGATAAATGG

32501  AGTTTTAGGT TTCGATTGTG GCACCTCTCG TCCCATTTAG GAGATGAGTT

32551  TATTCTTACG CATCCAAATT TCCCAAGATT TAATTTGAGT GATGAGGGCG

32601  TCGATCTCTT CATTTCGTTT CGTTACACAC CACAGATCCG CTTGTATGGC

32651  GGCTGCGGTT ATATTGTAAG TAGGGATCTT ACTTTTCCTG AGCGGCCGTT

32701  TTACTGTGAA TGGGGTGCGG AACTCAGACC TTTTGGTCTG AGAGAAGGAA

32751  ATCTCCACGC ACAACCGATT TTCGCGATGC ATTTCCGTTG TTGGGAAGAA

32801  CAGAAATTTG GCTTGGATCA AAGCTATATT TTAGGCATGG AGTGGGCCAA

32851  ATTTCAAGAA ATCGGAAGGA AAATCCGTGC TGTTTTAGAA TATCATCAGG

32901  GATTTTCTAA AGAAGGCCAA TTCATTCGTG AACCGTGTAA TTACTACGGT

32951  TTCCGTCTTA CCTATGGATT CTAAACGATA ACAAAACCAT CTTCAGGGAC

33001  AGGGTGTTCA GGTCCTATGG GCAGCGTATG ATTGAGATAT CTGCGGAAGA

33051  TTGCAATGCC TGCCTTTGCT GAGGATAGGC AGAATAGGCA GTTGTGTACC

33101  CATTCAGAAC CTCGAATGGT TCCTACAGCA TGATTGGAAT TATACAAAGC

33151  TGTGATCTTG GATTTCCAAT AGTCTACAGG TCCGATTAGG AAGACGGGAA

33201  CAAGAGCTTT TTTCCCTGTT TTGAGACTAA TAAGCTCCAG AAGGAGTTCG

33251  AAATCGGTTC CCATGCCTCC GATAACAAAT ACAGCAAGGT CGACATGGAA

33301  GTCGGCCTGA CGTTCTAAAA GATCAGGAAT AGCATAGCTC ATTTTAGCTT

33351  CTACATAGGC ATTCGTGGTA TCCAAGCTAA TTAGATTCCC ACAAGAGAGT

33401  ATGGAGAGTT CTGTAGCTAC ACGATTCGCG AGTTCCATAG CTCCAGAACC

33451  CCCTCCTGTA AGGATTGCTA ACGGTGTCTG TGGTGGAAAT TCTGGGATCG

33501  TGAATTGCTG AGAAAGAGTA TGCATTCCTG TCAGGAGCTC ACGGAGAAAC

33551  TCATCATAAT CCCCAGCGAT TAGGCAGGAA CCATGAATTC CTATAAAGTA

33601  GGATTGAGCA AACTGTTCAG CTTGATGTTT AGGGACAAAC ATGCCCACAT

33651  CTTTATTTCT GCGTTTGATG TATTGTAAGA GTCGTTTCGA TTCTAAGTCT
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25

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33701  GCCCAAAATA CAGAAATTCC TGCAAAATAT AGATCGAGAA GGAAAGAGCG

33751  ATCTCGATTC GAGAAAAACT CTCCAGAAGT GGGAGAGGGA ATCTGAAAAT

33801  AGATATGTTG CAGGTAATAG CGAGAGTAGT TAGAGAGGAA CATGCCCTTC

33851  AGCGATGCTG AAGGGAAGTA GCGGGAAAAT AAAACTCCTT GGCTTGTGAT

33901  ATGATCTGTT TCCATGGCTT TTAAAAAAGG GAAACAAGGT TGGTCTTCAA

33951  TGTGCTTTTG AATTTCCCTA GCATGTCTTT CATCTGATGG GGAGATTCGA

34001  GGTTTGATGA TCCAAGAGTC TTGGGAGAGC TCAAGCAGCT CACTACCTTT

34051  GGAGATAAAC ATCGCAGCTT GATCTTCGCC TTCCGGTATG GATTCAAAAA

34101  CACGAAATAC CTCTTGAGGA GATTCTAAGG TTTCCTGGAG CATATCTCTA

34151  TAGAAGAAAA ACGAATGCTC TTTGTAAGGC TCAAGAGTAA AAAATTCTAA

34201  AGGTATTCTC TCAATAGGTT CTGAAGTGCT GCCGTAGAAT TCATAAATAT

34251  CTCCAGATTC TTGTGTGGTA GGTTCGAGAA TATCCGCTGC GGTGTGACGA

34301  AGCCCTTGGG GGAGTAAGTC CTGAACGACT CTTGCAAATA CGGTTCGGAT

34351  GTGCAGAGGC TCTGTCTTTA TGAGAAGAAT TTTATGATCT TCGGGAACGG

34401  GAGGACGATC TGTTACCATT TGATACAAAG GAAGAAACTT ACGTATTTTT

34451  AAATGGGGAC GCGTGAGTGA TTTGCTCATT AAGGGAAGGA ACCCATAAAT

34501  TGTCTCTTCG TAACAGATTG TTCCTGGAAG GATCGGAAGG AAGACAACAA

34551  GCCGATCATT AATGATCTCT AGAGTGATGA AGTGCTCAAG TTTTTTCCCA

34601  AAGCGTAGGA GCGGAGATCC TGTACGGTCT GTGTGCGTAA ACATCCTGTT

34651  GAGATAACAA GGCGAACGTA CGAGTCGGCG ATCATCAGCA GCAAAGAGCT

34701  TGCAGACAAA ACTTCCAGGC TCTAGGAGCT CCAACATAGC AGTGGCTATA

34751  GGATCTTGGC TCATGAAGAG AACGTGTAGA CGAGCTTCTT TTCGGGCTTT

34801  ATTTAGCTCC AAGTGGTTTA AAACGGCTTC GACACCTAGT TGGGCTAAGG

34851  AACTTTTTAA ATTTACTTGT ATACACTGTT GAGGCAGATG AAATCCAAGA

34901  AAGTACGCAG GAATATTCTC AATGAGGACC TCTCCTTCGT AAATGTGGGG

34951  CGAGAGTTTT TTCAAATGGG AAACGAGTCG TCCGTCTGGG GAGGCTGCAT

35001  CATGATGCGC GTGGAGTAGG TTATACATAA TTCATCGTAT TTTAAAGTTA
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26

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35051  AAAGCAATAG GTAAGGTCCC TCTTTGCGCT TCTAAGACTA GCGTTTCCAG

35101  AAGAATTTCC TACAAGGACT TCATTCTGCT TGTTGTTATA ATTTTGTGCA

35151  ATTTGTCAAG GAGGGGGTCT TGGAACGAGA AAATTGTGTT GTGGAAGGGA

35201  ATTTTAGGAA AAAAGTTTCT TAGAAAATAG GGCAGAAACT TTCTCTTGGA

35251  GAGATTGAGT AAAATGTAAA GAATAGTCTT TGCAATTGAG AATTATTTCT

35301  CTCTGGTTAC AATGGAGGAT TGGCTAAGGA GGATAGTAGG TATGCAGATT

35351  CCAAGAAGCA TTGGTACTCA CGATGGTTCT TTCCATGCGG ATGAGGTCAC

35401  AGCGTGTGCT CTCCTTATTA TTTTCGATCT TGTGGATGAA AATAAAATTA

35451  TACGCTCTCG AGATCCTGTC GTATTATCGA AATGTGAATA TGTTTGTGAT

35501  GTCGGTGGTG TTTATTCTAT AGAAAACAAG CGTTTTGATC ATCATCAAGT

35551  CTCTTATGAT GGATCTTGGA GTAGTGCAGG TATGATTCTG CATTATCTTA

35601  AAGAGTTTGG TTATATGGAT TGTGAAGAAT ATCATTTCCT TAACAACACT

35651  TTGGTACATG GTGTGGATGA ACAAGATAAT GGCAGATTCT TCTCTAAGGA

35701  GGGATTTTGT TCGTTTTCTG ATATTATTAA AATTTATAAT CCTCGCGAGG

35751  AAGAAGAAAC TAATTCGGAT GCGGATTTTT CTTGTGCTTT GCATTTTACC

35801  ATCGACTTTT TGTGTCGGCT AAGGAAGAAG TTTCAGTATG ATCGAGTTTG

35851  TAGGGGGATT GTCAGAGAAG CCATGGAAAC CGAGGATATG TGTTTATATT

35901  TTGATCGTCC TTTAGCATGG CAAGAAAATT TCTTTTTTTT AGGGGGAGAG

35951  AAGCACCCTG CAGCTTTTGT TTGTTTTCCT TCCTGCGATC AATGGATTTT

36001  ACGAGGGATT CCTCCGAATT TAGATCGCCG TATGGACGTT CGTGTTCCTT

36051  TCCCTGAGAA TTGGGCAGGT TTGTTAGGTA AAGAGTTGTC CAAAGTATCA

36101  GGGATTCCTG GGGCTGTGTT CTGCCATAAA GGTCTTTTCC TTTCTGTATG

36151  GACAAATAGA GAAAGTTGCC AACGTGCTTT GCGGTTAACG TTACAAGATC

36201  GAGGGATCAT ATGACAGTAT TCAAACAAAT TATCGATGGA TTGATAGATT

36251  GTGAAAAGGT ATTTGAAAAC GAAAATTTCA TAGCTATAAA AGATCGTTTT

36301  CCTCAAGCTC CTGTTCATCT TCTTATCATT CCTAAAAAAC CTATACCACG

36351  ATTTCAGGAT ATCCCAGGGG ATGAGATGAT TTTAATGGCA GAGGCTGGAA
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27

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36401  AGATCGTGCA AGAGCTTGCT GCAGAATTTG GAATTGCCGA TGGGTATCGT

36451  GTGGTTATCA ACAACGGTGC TGAAGGAGGA CAGGCGGTAT TTCACTTACA

36501  TATTCATCTT TTAGGTGGGC GTCCTTTAGG TGCTATAGCC TAATTTTCTT

36551  TTGTTTCTGT GGATCCTTGT TCGGCTCGGA GTCCCTCCGT TATCAATTGT

36601  TGATCCAAGA TTTTGCAAAA GTTTCAGAAG AGGGCATAGG CCTTTTGGAG

36651  TCTAAAGAGT ATTCTTTACT TCAGGCTAAG CTAGTTTTAA GGGCTCTGGC

36701  TCAAAATTCT TCTTTTGATG ATTGGTTTAG AAGTTTTAAG AAGTGTCAGA

36751  TTTCCTATCC AGAGTTAGCT CATGATCGCG ATGTCTTAGA AGAATTTGGG

36801  ATTCAAGTTC TGCGTGAGGG AATCGAAAAT CCTTCCGTGA CCGTTCGTGC

36851  TGTGAGTGTC CTTGCTATTG GGCTTGCTAG AGATTTTCGC TTGGTCCCTC

36901  TCCTGCTCCA AAGTTGTAAT GATGACAGTG CTATTGTTCG ATCTTTGGCT

36951  CTTCAGGTTG CTGTGAACTA TGGCTCTGAA AGTTTAAAAA AGGCCATTGT

37001  AGAGCTTGCC CGTAATGATG ATTCTATTCA TGTTCGGATT ACAGCATATC

37051  AGGTGGTCGC TCTTTTACAG ATAGAGGAGC TATTGCCATT TTTAAGAGAG

37101  CGTGCTGAGA ACAAACTTGT AGATAGTGTA GAACGTCGAG AGGCGTGGAA

37151  GGCTTGCTTG GAACTCTCTT CTCAATTTCT AGAGACGGGT GTAGCTAAGG

37201  ACGATATTGA TCAAGCGTTG TTCACTTGTG AAGTGTTGCG TAACGGTATG

37251  TTGCCAGAGA CTACTGAGAT TTTTACAGAA CTCTTATCTG TAGAGCATCC

37301  TGAAGTGCAG GAGTCTCTCT TACTTTCTGC TTTAGCTTGG AGTCATCAGC

37351  TACAGAATCA CAAAGAGTTT CTTAGTAAAG TGCGCCATGT GATGTGCACT

37401  TCTCCATTTG CAAAAGTACG TTTTCAAGCT GCTGCACTTC TCCATCTGCA

37451  TGGAGACCCT TTGGGCAGAG ACTCTCTGGT TGAGGGCTTG CGCTCTCCTC

37501  AACCTCTTGT GTGTGAGGCA GCTTCGGCGG CTCTCTGCTC TTTAGGAATC

37551  CATGGAGTCC CTTTGGCAAA GGAGCATTTG GAGAGCCTTT CTTCTCGAAA

37601  GGCTGCTGCG AACCTCTCCA TTTTGCTTCT TGTGAGCCGT GAAGATATTG

37651  AAAGAGCTGG AGATGTGATT GCTCGCTACC TCTCCAATCC TGAAATGTGC

37701  TGGGCTATAG AGTATTTCTT ATGGGATGCA CAATGGAATT TACGTGGTGA
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28

37751   TACCTTCCCT CTATATTCGG ATATGATTAA ACGTGAGATT GGTAGGAAGC

37801   TCATTCGCCT TTTGGCAGTA GCTCGCTATA GCCAAGCCAA GGCTGTAACA

37851   GCAACGTTCC TTTCAGGACA GCAAGCTCAG GGATGGAGCT TTTTTTCTGG

37901   AATGTTCTGG GAAGAGGGAG ATGTGAAAAC TTCTGAGGAT TTGGTTACAG

37951   ATGCTTGCTT TGCAGCAAAG TTGGAAGGAG CGTTAGCCTC GCTATGTCAG

38001   AAAAAAGATC AAGCTTCCCT ACAGAGGGTC TCTCAACTTT ATAATGACAG

38051   CCGTTGGCAA GATAAATTAG CAATCTTAGA GAGCGTTGCT TTTTCTGAGA

38101   ATCTTGATGC TGTGCCTTTT CTTCTAGACT GCTGCCATCA CGAAGCTCCT

38151   TCGCTGCGAA GTGCAGCAGC GGGTGCTCTT TTCTCTATTT TCAAATAAAT

38201   ATTAATAAAA TTATTCAAGA TATAGAAGAA AAACCACGCA GTTGTAATTT

38251   CTATTTCTTA AAAATAATTT TTCAGACTGA CTTTATTCTT TCATTTTTAA

38301   GTCTTTGGAG ATAGAAAACT TTGTTATAGA TTTTTATCTG GTAGCTTTTA

38351   TAATTTATGA AGAGCGTAAG CTCAGAGCCT GTATGTCATG CACAACCTGT

38401   ATATAAAATC AGATTTGTTT TTTGAATCTC TATTCTCGTT AAGATTTCGT

38451   TATTCTGGAC GTTATCTCCA TCACCACTCC TAATTTTCCT AGCATTTCTA

38501   TCTTTAAGCT CAGCACCGTA GCTTGCTTAA AGGAAATATT TTTCATTTAG

38551   GTTGTGGAGT TCTTTATTTT ATGAATTTTT CATTATTTTT ATTTTTCCTG

38601   ATAGCTATTC AGGGAATCTG CTTGTACGTG GGACGTCGTG GTAGCAAAAA

38651   GGTAGAAGAT CGCGAGAGCT ATTTTCTTGC AGGAAGGAGT TTAAAAATCT

38701   TTCCTTTGAT GATGACATTC ATTGCCACCC AAATCGGTGG CGGTGTACTT

38751   CTTGGGGCTG CTGAAGAGGC CTTCTGTTAT GGTTATGGGG GGATTCTTTA

38801   TCCTTTAGGA GTCGCTTTAG GGTTGATTTT CTTAGGAATG GGGCCCGGGA

38851   AGCGGTTGGC AGAGGGATCG TTAACGACCG TAGTCTCTAT CTTTGAAGTG

38901   TTTTATGGTT CTAAAAAGCT CCGTAAGATC GCATTTTTAT TATCCGCAGG

38951   TTCCTTATTT TTCATCCTGG TCGCTCAGGT GATTGCTTTA GATCGGTTGT

39001   TTAGCAGCTT CCCTTTTGGC AAGTACGTAA CCGTAGCATT TTGGATTGTC

39051   TTAGCATCCT ATACCTCAAC AGGAGGGTTT CGCGGGGTCG TACGTACTGA

29

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39101   TGTGATCCAA GCAGGATTTC TTCTTATTGC GGTGCTCGTC TGTGGTGTTT

39151   CTGTATGGCT CTCTGTCCCT AAATCCTTGT CTGTGTTGGA TCCTTTCCAA

39201   TCACTTCCTT GTGCGAAGCT TTCCAATTGG ATATTCATGC CTATGCTCTT

39251   TATGCTTGTT GAGCAGGATA TGGTGCAAAG GTGTGTGGCT GCCTCCTCTC

39301   CAAAACGCTT GCAATGGGCG GCTGTAGGCG CAGGCCTTGT TCTTCTTCTT

39351   TTTAACTTTA TCCCTTTATT TTTAGGTTCT TTAGGAGCTA AAGCAGGCCT

39401   TAAAGCAGGA TGCCCTCTGA TTGATACCAT TGCATATTTT TGCAATCCCT

39451   CACTAGCAGC TGTGATGGCT GCTGCCATCG GCGTTGCGAT TCTCTCTACC

39501   GCGGACTCTC TTATGAATGC TGTAAGCCAG CTAATCGCTG AAGAATACCC

39551   TACGTTGAAA GCCCCTTATT ATCGTTATTT AGTATTGGGT TTGGCGGTTG

39601   CAGCTCCTCT TGTTGCTATT GGTTTTACAA ACATCGTAGA TGTCTTGATT

39651   TTAAGCTATA GCCTGTCAGT GTGTTGTCTT TCAGTCCCTG TGGGTTTCTA

39701   TCTTCTAGCT CCTAAAGGTC GCCGTGTGAG CGGAGCTGCT GCTTGGGCAG

39751   GAGTGCTCGT TGGTGCTCTG GGCTATGGAT GGGTTCAGAT AGTCTCTTTG

39801   GGGATGTTTG GGGAGCTATT GGCTTGGGTA GGTTCTCTAG TCGCCTTTTC

39851   CTTTGTAGGA TTTATTGAGA TCACTTGGAA AAACAAAGTC AAAACGCAAA

39901   CTTAGATAAC CACTGCATGA GAAGATATAA CTAAAATAGA TCCTGAGTTG

39951   TTTAGGTTTC TCTTAGATCT GATAGGTTGC GCTTAGTAAG AGATCGTCAG

40001   TTTTTTAAGT TGTGTTTAGA ATCTGATACC TCTCCTTCTT TTCCAAGAAG

40051   AAGAGGGGTT CGTTTTATTT TTTATTATTC ATTCGTAGGG GCGGGAAGCT

40101   GTTTTAACTG ATAGAGCAGG TCGATAAGAG AGGAGAGCAG GGCTTGATAG

40151   AGCGTCTCTT CAGAATGGTG AAGAGTGCCC TTAAGAAGCT TTCTGCAATA

40201   CTTTAATAGC CAATACAGAG CGCAAAGTAA ACACTGTAAA AGGTAAAATT

40251   TACACGCTTG TTTTATCATA AACCTCCAAA GAAAGACGCG TGTTGGCGTT

40301   CTTCCAATTG GCTGTTAGAT AGTGAAAATA GTATTACTA TTCAATAAAA

40351   ATATTTATAT TAAATATAAT AAAACAAAAT TTCTAATAAA CTTTTTAAAA

40401   GTATTTGGCT AAGTTTAATT TAAGAGTTCT CAAATAAAAG ATTTTTTAGT
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30

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40451   CTCTTTTATT TGAGAATCAT CAACCGATTT CAAGAAATCG CATGAGCCCG

40501   TGATTCTGAT GGGCAGAAGT GCTTTTTAGC AAATAGGTGA AGCTCCTCGG

40551   GCGTGATCTG TTGCTTCGCG TCACAAAGAG CCTTTTCAGG GTGTGCATGC

40601   ACTTCGATCA TCAGACCGTC GGCACCTACC GAGAGACCAG CAGAGGCGAG

40651   AGGAAGAACT AGAGAACGCT TCCCCGCTGC GTGGGAAGGA TCTACAATTA

40701   CAGGGAGAGA AGAGATCTCT TTAAGGAGAG CCACGGTATT GAGATCTAGC

40751   GTGTAGCGCG TAGAGTGCTC AAAGGTACGA ATTCCTCGTT CACAAAGGAT

40801   TACCCCAGGA CAGGAGGGAG AAGAAGCAAG GATGTACTCC GCTGCGCATA

40851   GCCACTCTTC AAGAGTAGCT GCTGGACTGC GTTTTAGGAT AATCGGACGA

40901   TGTGATTTGC TGACCTCTTG TAAAAGAGGG GTGTTATGCA TGTTTTTGGC

40951   TCCGATACGG AGGATATCCA CATGTTCGGC AGTAATTTCA ACATCTCGGA

41001   CATCTAAAAC TTCGGTTTCT GTAGGGAGAC CATGGATGCT CTGTGCTTCC

41051   TTATGCCAAA GCACACACTC TTTCTCCCAT CCTTGAAACG AAAATGGGCT

41101   TGTCCGTGGT TTTCTGATTG ATCCTCGGAA TACCTGAGCT CCTGCTTCTT

41151   TAACTGTAAG AGCTGAAGAG ACTGTATGCT CGTAACTTTC TAAGGTGCAG

41201   GGGCCTGCGA TCAGTATTGG CGATCCTTCT CCAAACGATA GATTTGGAGA

41251   AATAGGAACG GTATGGACCT CGTCAGGATG CTGTTTGAGG GTGCGCGGTA

41301   GGGGATAGGT AAACGTAAGA ATAAGTACCT CATGCAAAAC TAGGGATTTG

41351   AGCTGTCCGG TTTTGAGTTC TGATCTTCAG TTCTAGGGTT TCTAGGCAAG

41401   AGACAACCGT AGTGGTTGGG GAAGCGGATT AAGAAGATAC GAGCGTCTCT

41451   TTCCGGAGAA ATTGTATTTA AAAATCCATG CATCGCAACA AAGTTTTCAA

41501   TATTTTCTTC TGAGACAGTA TCTCGATCAG ACATGATCAG ACAAACAGCA

41551   AACGGCTGCA AAGGTACAGT AGTCATAGCA GCGACGTCGT TAGCCTCAGC

41601   TTGCTCTTTG ACGTCATCCA AGATATCACC GAGTTCATTA GAACTTAGGG

41651   AGTGGAGGTA GCCTATCAGT GATTGTCTAA AACCAGAGCG ACAGAAACCA

41701   TCAGATGCTG TGACCGTGTT TTTTAAGAGA TTACAAATCA ACTGATCTCG

41751   AGCTCTAGAG TATTGATTTA TAGTCGCTGT AGCTAGAGGG AAACCGTATT
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31

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41801   TTAACGAAAG TAAAAGCTTA TCTTTTACTT GTGTAAATCT ATGAGAAGCC

41851   TCTCTTTGGA AAGCGTCTAA TCGAGCAGCT AGCGGAGTCT TTTTTTGTAG

41901   AAGTTTAGGG TAGTTGTTAA GGAAACAAAA GATTAAAAAA GATTTCGAAA

41951   ACTGATCACT TAAAGCTGTG GGAGAAGAAG GCGAACCCAG TTTTGATCCG

42001   AAGAGATTTA ACCGTGTTAA AAAAACGTTC CACCCATTCC TAAAGGTACT

42051   TTCGATTTCT TTTTCTAAGA GTATGGCCTC GGTTCCAGT TGATAATTTG

42101   GGAAAGTAGC TCGTAGAAAC TGCATACAGT TCTTTTCAAG TATGGGATCT

42151   AAAACCATCA CTTCAGGATG TCGTGACCAG AACTTGCAGA ACGTCTCTTT

42201   ATCTTTATTA GAAGGGGTTG AAGGATAGCG TGCTGGAGGC TTGAGTACTA

42251   GAGACCCTAG AATGGAACGT AGAAGTTTTT GGAGTTTCTT TTCGTTTTCT

42301   ACTTTTTTAA AGGCATATTG TAGAAAAGGA AGTAGAAGCA TTTTTAACTC

42351   TTTAACGGCA TCTTTAGTTT CTGGACGATT ATTCACTTGA GGATGCTGTA

42401   AAATAAAGAA TAAGAGCTGT ACTGCCTGTG TATAGAGGAG GTCCTGCTCT

42451   TGTGAGAGAC CACTGCCTTC ATCACGCGTT AAACGTAAAC TTCTTGCCGA

42501   GCAGACAGTA TTGAAGTGCT CTTTTAATTC AAGCTTACTA TGAATTGCGA

42551   CTAATAGCTT GTTTACAAGA TTTGAAAGTA AATCCGGCTG ATTGCTTAAA

42601   GGAGGGGTTT CAAAGGATGT GGATATTACA TTCTTTAATA GGTTTGCTAT

42651   GCGTTTATGT AGTGTTTCGA GTTGAGGCAT AGAGCTCTCT AACGTCAAAC

42701   TCTCATGAGT CGTAAGGATA GTCATGATGT TAGAAGAAAT CACCTCTCGT

42751   TGCCAAGAAG AATCTAAATC TTCATTAAGG TAGCTGAGGG AGGCGTTACT

42801   TATTTGTAAG ATCTCTTGTA TAGAGCGTTG GGGGGGCGCG GACGCTATAA

42851   TGATATCCTC TAATGATTTG TAGAAAGTAG CGCAGAGTTT GTGAAATCTT

42901   ACAGAGGGGC AGGTACATAG AAAAGCAAAG AAAGAAAGAG CTGGAGACCA

42951   AGGGAGATCC CCAGATCGTC TGTTTTCTAT AGTTGCAAGA AAGCGAGAGT

43001   ATTGACATCG GATTGCTTCA GGGAGGTGAT CTTTGACTAT AGCATTGAAT

43051   CTCTCAGTAT CCCACCCTGA ATCAGCAATG CGTCGACTCA GCTTAGCAAA

43101   AGCCTCTCGT ATTTCTCTTT CATATTGCTT TCGAAGTTGT TGATCTTCTG
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32

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43151    GAGACATCTT TTGAAGCTCT GCATCAGTAA GAAAGAGAGC GGGCAGATGT

43201    TCCAAGAGAA GAAAGAGTTT GTCTCTAGAT TGCATGTAAG GAAGTGCGGA

43251    ATGATCAATG AGATTTTGGA ACAATTCCGA ATAGGGACGA TTTGCAGCAA

43301    GAAATTCCAG AACACTGGGG AGGAGATCGT CCTGCATATC AGAAATAAAT

43351    AAGGCTCTCG CTGTTTCTTC ATTACTTGAA GCTGCGATTT GTTGGCGAAT

43401    CGCATATGCA GAGAGTTTTC TTAGAAAGGC TATCAGAGTT GCAGTGTGTT

43451    TCTGAGAAAG AATCACCCCG TCATAGAGGT CTATGAAGGA GCAATAAGTA

43501    CTGCATAACT GAAGGAGTTC AGCCATTTCT GCACAAAGAT TCGCATTTGC

43551    CGGAGAAGAG GAGGCGAAAG GCAGGTCAAG GAGACGTGTG GCTTCCTGCT

43601    CAAAGACAAT ATCATTTCTG CTGCTCTCTT CGTAGAGAGC AGATAGCCAT

43651    CCTACAGCAT AGGCACGATA AAAGCAGTTC CCATCTCCCG GTACATTCAC

43701    AAGGTAGTAA TTGTCATTTA GATAGAGAGC CTGTTCAAGA GAGAGTTGCG

43751    CAAGTCGCCG GTGTTGTTGA GGAAGATCCG GATTTTGTGC GATTTTCTTG

43801    AACTGTTTTA TTTGGAAATA CATCGGTTCG TTATCAATCC GATTGGGATA

43851    GGAAGCTACG AAATGAGGGT TAAAGTCGCC AAGTATTGGA TCAACTTGCA

43901    TGGCAGGAAG AGGCAGAGGC GCTCGTCTTA GTACCATGCT CACCATGCGA

43951    TTTAAGCATT GCCAATAGCC TTGACTAGAT GGGCGGAGAG GCATGGGGGT

44001    AGCCACCCGT ACGGGAGGAG GAGGGGCCTC TGGTGGTGGA GTCGGCTTTT

44051    TATCAGCAGG TTGTTTAGGG ACTTTTGGGC TCGCTGGTGA AGGAGCTTTG

44101    GGGGGAGGCG GGGGTGTGTC CTCTGGGGGC GGCGTGCCCG GCTTGGGAAC

44151    ATCGGGTTTT TTGTCTTCAC CATCCTTAGG CGGTTGTTTG GCAATTTCTA

44201    TAGTTTTTGG CTCTGGTCCT TTGGGAAGAG TGGGAGGCGT TGGCAAGCCT

44251    TCTTTTCTGA CAACCCGATG ATGCTTGTAG TAGTGAATCA GAAGAAGCAA

44301    ACCAAGAGTA ATGATATGGA GCAGAACGTA TCCTATGGTA CGTAGAATTC

44351    TAAGTAACAG AGGGTCTTTA GTATCAGTCG TTAAGTGGTA AAAATTATTC

44401    TTGTTATTGG GCGGGCAATG TGGTGGGGAA TTGGATACAT ACGTTCAAAA

44451    ATTGCTCGTT TTTTAATCAA AATTATTCAA AGTTAAAACT TTTTCGAGTT
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33

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44501  TGATGTATTT ATTTTTTTAT GTAAACTTTA ACACATGATA GAATTTAGCG

44551  TATAGAGCGC AAACTTTCAT GATAAAACAA ATAGGCCGTT TTTTTAGAGC

44601  ATTTATTTTT ATAATGCCTT TATCTTTAAC AAGTTGTGAG TCTAAAATCG

44651  ATCGAAATCG CATCTGGATT GTAGGTACGA ATGCTACATA TCCTCCTTTT

44701  GAGTATGTGG ATGCTCAGGG GGAAGTTGTA GGTTTCGATA TAGATTTGGC

44751  AAAGGCAATT AGTGAAAAAC TTGGCAAGCA ATTGGAAGTT AGAGAATTCG

44801  CTTTCGATGC TTTAATTTTA AATTTAAAAA AACATCGTAT CGATGCAATT

44851  TTAGCAGGAA TGTCCATTAC TCCTTCGCGT CAGAAGGAAA TCGCCCTGCT

44901  TCCCTATTAT GGCGATGAGG TTCAAGAGCT GATGGTGGTT TCTAAGCGGT

44951  CTTTAGAGAC CCCTGTGCTT CCCCTAACAC AGTATTCTTC TGTTGCTGTT

45001  CAGACAGGAA CGTTTCAGGA GCATTATCTT TTATCTCAGC CCGGAATTTG

45051  TGTCCGTTCT TTTGATAGCA CCTTGGAGGT GATTATGGAA GTTCGTTATG

45101  GGAAATCTCC GGTTGCCGTT CTAGAACCCT CGGTAGGACG TGTCGTTCTT

45151  AAAGACTTCC CTAATCTTGT TGCAACAAGA TTAGAGCTCC CTCCTGAATG

45201  TTGGGTGTTG GGCTGTGGTC TCGGCGTAGC TAAAGATCGT CCTGAAGAAA

45251  TACAAACGAT TCAACAAGCG ATTACAGATT TAAAGAGCGA AGGGGTGATT

45301  CAATCTTTAA CCAAGAAATG GCAACTTTCT GAAGTTGCTT ACGAATAGAG

45351  GGTATTCTTA TGGCAACCTC TGTTCCTGTA ACTTCATCTA CTTCTGTAGG

45401  AGAGGCTAAC TCCTCCAACG AAAGATTTAC TGAACGAACA TCGCGAATGT

45451  ATTACGCAGC TTTAGTCCTA GGGGCTTTGA GCTGTTTAAT TTTTATTGCT

45501  ATGATTGTCA TTTTCCCACA GGTCGGATTG TGGGCTGTGG TCCTCGGGTT

45551  TGCTCTTGGA TGTTTACTTT TAAGCTTAGC TATCGTTTTT GCTGTCTCCG

45601  GTCTCGTTTT AGGCAAGACT TTAGAACCTA GTCGAGAAGC GACTCCTCCA

45651  GAAATTGTTG CGCAAAAGGA GTGGACTACA CAACAAGATG TCTTAGGGAA

45701  TGAGTATTGG CGTTCCGAGT TGATTTCCTT GTTCTTACGA GGGGATCTCC

45751  ACGAATCTCT GATTGTTGAT TCTAAGGATC GATCTTTAGA TATTGATCAG

45801  AGTTTACAAA ATATATTGAA ACTTGAGCCC CTATCTACGA CACTTTCGCT
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34

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45851  GTTAAAGAAA GATTGTGTCC ACATCAATAT CATTTTACAT TTAGTGAGAC

45901  AGTGGAACTT ACTGGGAGTG GATCTTAGTC CTGAAGTCAC TGCGCACGCC

45951  GAGGAACTTC TACTCTTTTT GATAGAAGAG CAGTATTACT CTCCTGATAT

46001  TTTGAAATTG ATTCGCTACG GAGATGCTTT ACAAGCAACG TCTCCTTTGA

46051  TGGATTGGGC AGATTCAGGT TCCTTTAGTG TAGACGCAGA CGGGGTATTT

46101  AGCTGTCGCA GAGAAGAATG TTCTCCTGAG GATGCTTTGG CGCAATTCGA

46151  TCTTCTTTTG GCGTTGGAAA ATCCCGACAG ACGCTTCTTA AAGGATTCTT

46201  TTCTTACCTA CATTTGGTCG TCTTCATTTT TTGAGAAGTT TTTACATCGC

46251  CATCTAGAGA GCTTGCAAAG AAAGCTCCCA GAGACAGCGA TCGATGTCGC

46301  CCGCTATGAA GCACAAATAC AAACATTTCT CTCTCGCTAT TTTCAGAAGC

46351  TCGATTTGAT AAACGCAATG TCCTTAGATT GGGGATATAA CTGTGCTGAG

46401  GGAGAAAAAT GTTATGAGAG CGCAAATCAA AGATTAGACA ACCTATTTAT

46451  TGCTTTTTCT TCTTCTGTTC CTGCTATGAA GCGGCTCTTT GACAAATATG

46501  GTTCTGTGGT ACGGGTAGAT CGTAGGCAGA TTCGTGAGCA GATTCTTTCG

46551  AACACTGAAA TCTTAGAAAA TGAGTCAGGG TTCCTCTGCA GTTTGTATGA

46601  ATATCCTTTA TCCTATTTGA TAGATTGGGC TGTTTTGCTA GACTGTGTTC

46651  GCGGTACCGA AATCTCTCTA GAAGATCAGG CCGATTACAC CGTTTGTTTG

46701  CAAGGCTTGG ATTCTATGTT ATCTCAATTT GCGAGTCGTT TACAGTCTGG

46751  ACAAAAAGTA TTGAATCCTA GAGATGTTTT AAGTGAACAG GCTGCGGTTA

46801  TGCTTGTTCA TGGCTTGGCA GCACAGGGCG TGTCGTTTCA AGGATTGAAA

46851  GCTTTGATGT ATTTGACAGC CGTTCCCCAA AGAATGTGGT TAGGAGCATT

46901  GCCTTTATTT GAATCTTTTC CTGTCTTTAA TCGGATGAAA GAATTTCTTG

46951  GGGAATCTCT GGGAGACTAG GTGAATTTGT ATCAAAGAAG GAACAAGATT

47001  GCATGTTAGG TTCTTTGCCA TGTTATCCTG GTGCTGGCAA TATTGAAGAA

47051  TACAAAAATA GGTATTTCTA TTGTCAGTTA TGTGCTGAGG TCGTTAGTCC

47101  CTATGTTGTT CCTGTTATTG TAGTTGATGT GCAAGGGGCT CCTCCTACAG

47151  GTATCTTGCA GGTCTTGCGT TGTAAGCAAC ATAAATTTCA AGGCCTACCC
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35

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47201   GTACATGGCC CCATTACTTC TTTATGGGCT TTGGAGCCCG TGGGTAAGGG

47251   AGCTCCGCAG CTGGAGTCTG CAATGTACGA GCTCTGTTCT CAAGTAAGGA

47301   ATTTTGACAT CTGCTCTATT GTGAGTTGGG TCTTTGGTGG GTTGTGTATT

47351   TTTGCAGGTC TGATTGTCGG GGTAATGGTT GAAGCCCCTT TGATTGCGGG

47401   ATTAAGTGCT TGGGTGATTC CCTGTATCAT TGGAGGGGTT GGTGCCATTT

47451   TATGCTTGTT TGCGATCTTG ATGGCGTACT TGGGAAGAGG GAGAGTCCGT

47501   GAGTGGCTCA ATCTTTCACA CGAATATATA ACGCAATGTC ATTGTCGTCA

47551   GATACAGGCA CATTCTCAAA ACTATTCTGT GATCACAGAG TATCCTGCAA

47601   CCTGTGCATT ATCTCAACCG ATTACAAAGT TACCTAATGG ATCACGCAGA

47651   GATAACTAAG CGTGTTCGTC AGTTATTTCT CACATTTTCT CATGAATCTT

47701   TTACTGCGCT GCACGAGATC CCTCTCGAAA ATTTTTAAGG ATAGATACTT

47751   GGAAACTATG GTTTAAAAAG CTATAGAGGA TTCTAAATTG GGGTTCTAGC

47801   AACTTCTTGA CTTTAAGATC CAAAGTTAAG AGACTGACTA ATTATTTTTG

47851   TTTGCTTGTG TTTCCAGATG AGCAATTGGT ATGGTAAGAG ATATTCAGAG

47901   TGAATCTATA GGGAAATTAG TATTTTTAGG CACAGGAAAT CCCGAAGGAA

47951   TTCCCGTGCC GTTTTGCTCA TGTAGAGTGT GTCAAAACAC AGGGATTCAT

48001   CGTTTACGAT CTTCGGTACT CATTCAATAT CAAAACAAGA CTCTAGTGAT

48051   TGACGCAGGC CCTGATTTTC GTACGCAGAT GTTAGTTGCA GGGGTTTCCG

48101   AGCTCGATGG GGTATTTCTG ACCCATCCCC ACTACGATCA TATCGGTGGT

48151   ATTGATGATT TACGTGCGTG GTACATAGTC ACGCAGCGTT CGTTGCCTTT

48201   GGTCCTTTCT GCAAGCACCT ATAGATTTTT AAACAAGGCT AAAGAGTATC

48251   TCTTCGCCAC TCCGAATGTA GAGTCTTCAC TTCCCGCAGT TTTAGAGTTT

48301   ACAATCTTGA ATGAGGACTG TGGGCAGGAG GAATTTCAGG GCATTCCCTA

48351   TACTTATGTT TCCTATTATC AAAAGTCGTG CCATGTAACG GGTTTTCGTT

48401   TTGGAAATCT TGCTTATCTT ACAGATCTCT GTAGCTATGA TGCAAAAATT

48451   TTCAGTTACT TAGATAATGT AGAGACATTG ATCTTGTCTG CGGGTCCATC

48501   GGAAACTCCT ATTCCTTTTC AGGGACACAA ATCTTCGCAT CTTACTGTAG
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36

48551 AAGAAGCCAA AGCTTTTGCG AATCATGCAG GGATAAAGAA TTTAATTATT

48601 ACACATATCA GCCACTGTTT AGAAGCAGAG CGTGACCAGC ATCCAGAGGT

48651 CACATTTGCT TATGATGGCA TGGAGGTCCT TTGGACACTA TAGATACGCC

48701 CGGGGAACAG GGTTCTCAAT CTTTCGGAAA TTCGTTAGGG GCCAGGTTCG

48751 ACTTGCCTCG TAAGGAACAG GATCCCTCTC AAGCTTTAGC TGTGGCTTCC

48801 TATCAAAATA AGACAGATTC TCAGGTCGTT GAAGAACATT TAGACGAGTT

48851 GATCTCACTT GCGGATTCCT GTGGTATTTC TGTTTTAGAG ACCCGTTCTT

48901 GGATTTTAAA AACACCCTCA GCTTCCACCT ATATCAATGT GGGGAAGTTG

48951 GAGGAGATCG AAGAAATCTT GAAAGAGTTT CCCTCTATAG GGACTTTGAT

49001 CATAGATGAG GAGATCACTC CATCCCAACA ACGGAATTTA GAGAAACGCC

49051 TTGGCCTTGT CGTTTTGGAT AGGACGGAGT TAATTTTGGA AATCTTTTCC

49101 AGCCGTGCCC TTACTGCAGA GGCAAATATC CAAGTCCAAC TTGCACAAGC

49151 ACGTTATCTC CTTCCTCGTC TTAAGAGACT TTGGGGGCAC CTATCTCGGC

49201 AAAAATCTGG GGGAGGTAGC GGAGGCTTTG TTAAGGGGGA AGGAGAAAAA

49251 CAGATCGAGC TAGACCGTAG AATGGTCCGT GAGCGTATCC ATAAGCTGTC

49301 AGCACAGCTG AAAGCTGTGA TCAAACAGCG TGCGGAACGC CGTAAAGTAA

49351 AATCTCGACG AGGAATTCCT ACCTTTGCTT TGATAGGGTA TACAAATTCA

49401 GGGAAGAGCA CCCTATTAAA TTTGCTGACG GCTGCTGATA CGTATGTTGA

49451 AGACAAGCTA TTTGCAACTT TAGATCCCAA AACGCGCAAA TGCGTACTTC

49501 CAGGAGGCCG TCATGTCCTT CTTACTGATA CTGTAGGCTT CATTCGAAAA

49551 CTTCCTCATA CTTTGGTAGC AGCATTTAAA AGTACTTTAG AAGCAGCTTT

49601 CCATGAAGAT GTTCTTCTGC ATGTTGTCGA TGCTTCGCAT CCTTTAGCTT

49651 TAGAGCATGT ACAGACGACC TACGATCTCT TTCAAGAGTT GAAGATTGAA

49701 AAGCCTAGGA TCATTACTGT GTTGAATAAG GTAGATCGGC TTCCTCAAGG

49751 AAGTATCCCT ATGAAATTAC GTTTGCTCTC TCCTCTTCCT GTATTGATTT

49801 CAGCAAAAAC TGGGGAGGGG ATCCAGAATC TTCTTAGTCT TATGACGGAA

49851 ATCATTCAGG AGAAAAGTTT GCATGTGACT TTGAATTTTC CTTATACAGA

37

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49901  ATATGGAAAA TTTACGGAAC TTTGCGATGC CGGGGTTGTG GCCTCGTCAA

49951  GGTATCAAGA AGATTTTTTA GTTGTTGAAG CGTATCTTCC TAAGGAGCTG

50001  CAAAAGAAAT TTCGTCCTTT TATTTCTTAT GTTTTCCCTG AAGATTGTGG

50051  AGATGACGAG GGTAGAGGGC CCGTCTTGGA GAGTTCTTTC GGGGATTAGG

50101  TAGTTTTCTT CTAGGACATC GAATCTTTGT TAGTGAGAAA AAGAGTGATA

50151  TTTTAAAATA GCCACTCATC GCTAAATCTA TTGAAGTCTC TAGAGGTATA

50201  TGACGGTTGC GGAAGTCAAA GGAACATTTA AGCTGGTCTG TTTAGGCTGT

50251  CGGGTGAATC AGTATGAGGT CCAAGCATAT CGCGACCAGT TGACTATCTT

50301  AGGTTACCAA GAGGTCCTGG ATTCTGAAAT CCCTGCAGAT TTATGCATAA

50351  TCAATACGTG TGCTGTCACA GCTTCTGCTG AGAGTTCGGG TCGTCATGCT

50401  GTGCGTCAGT TATGTCGTCA GAACCCTACA GCACATATTG TTGTCACAGG

50451  TTGTTTGGGG GAATCTGACA AAGAGTTTTT TGCTTCTTTG GATCGGCAAT

50501  GCACACTTGT TTCCAATAAA GAAAAATCCC GACTTATAGA AAAAATTTTT

50551  TCCTATGATA CGACCTTCCC TGAGTTCAAG ATCCATAGTT TTGAGGGAAA

50601  GTCTCGAGCT TTTATTAAAG TTCAAGATGG CTGTAATTCT TTTTGCTCGT

50651  ACTGCATTAT TCCTTATTTG CGGGGGCGTT CGGTTTCTCG TCCTGCTGAG

50701  AAGATTTTAG CTGAAATCGC AGGGGTTGTA GACCAAGGAT ATCGCGAAGT

50751  TGTAATTGCA GGAATTAATG TTGGAGATTA TTGCGATGGA GAGCGTTCAT

50801  TAGCCTCTTT GATTGAACAG GTGGACCGGA TTCCTGGAAT TGAGAGGATT

50851  CGAATTTCCT CTATAGATCC TGATGATATC ACTGAAGATC TGCACCGTGC

50901  CATCACCTCA TCGCGTCACA CTTGTCCTTC GTCACACCTT GTTCTTCAAT

50951  CGGGGTCGAA TTCAATTTTA AAGAGAATGA ACCGGAAGTA TTCTCGCGGA

51001  GATTTTTTAG ATTGTGTAGA GAAGTTCCGT GCTTCTGATC CTCGCTATGC

51051  CTTTACTACA GATGTGATTG TCGGATTTCC TGGAGAGAGT GATCAAGATT

51101  TTGAAGATAC TTTGAGAATT ATTGAAGATG TAGGCTTTAT TAAAGTGCAT

51151  AGTTTCCCTT TCAGTGCTCG TCGTCGTACT AAGGCATATA CTTTTGATAA

51201  TCAGATTCCC AATCAGGTGA TCTATGAGAG GAAGAAGTAT CTTGCTGAGG
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38

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51251    TTGCTAAGAG GGTAGGCCAG AAAGAGATGA TGAAGCGTTT AGGAGAGACT

51301    ACAGAGGTGC TTGTTGAGAA AGTAACGGGG CAGGTTGCTA CGGGTCACTC

51351    TCCTTATTTT GAAAAGGTTT CTTTCCCTGT TGTAGGAACG GTAGCTATCA

51401    ACACTCTAGT TTCTGTGCGT CTTGATAGGG TAGAGGAAGA AGGGCTGATT

51451    GGGGAGATTG TATGATAGAT ATAATGCAAC ATTTTAAGCC CTATACTATG

51501    GTCCCAGGAC AAAAACTCCC TATTCCTGGA TCTTTGTTAT ATGCTCAGGT

51551    ATTTCCTACC CTGTGGCGTC TATTTTCTTC GAAACACGAA ATCTTAAATG

51601    AGCAGACCTT ACAGGTGCAA GGGCCTTTAA AACGCTTTGC TGTTTTCCAA

51651    GATTTACATC GTGGGGGGCT TGCAGTGACT TCTGAGCGCT ACAAGTATTA

51701    TCTCCTTCCC TCGGGAGAGT GCACACAATC TATCAAAGGG AAACTGCCTT

51751    CGGCAGCGCA AGCAGGGCCC CTGTTATCTC TTGGGGTGCA TAAGCATGCA

51801    GATTGGCAAA AGGTCCGTTG TCGTCGTGAT CTTAAAGAAA TTCTTCCCCT

51851    ATGGTTCCGT TTCGCCGCTA TGGCTCCTAA GGGATCCTAT CGGGATCTAG

51901    AGACGACGGC TATCGGTAGC TTGGTAAAGA CTGCCCATCA AAGAGTTTTA

51951    CATAGGGAAA CTACAGAGAT TGCTCCTGCG TTACTCTCCA TAGCCCTTGC

52001    GGGATTTTCA GAGTGCTTTC TTCCTAGGAG CTATGATGAA GAGTTCCAAG

52051    GAATCCTCCC CCAAGATGGA GATCCAGAGG GGGGAGTTCC TTTTGAGCTT

52101    CTCTCGTATA GCTTTGGTAT GATCCAAGAT ATTTTTCTGA GACACCAGGG

52151    ACAGCTAGTA GAGATCCTTC CTGCATTACC TCCTGAATTT CCTTGTGGCC

52201    GCTTGATTCA TGTTGCCCTT CCTAATCTTG GGACTTTGTC TATCGTCTGG

52251    ACTAAGAAAA CTATCCGTCA GGTCGAGCTC CATGCAGAAT ATAGTGGCGA

52301    GGTATTTTTA AAGTTTTGTT CTTCACTATG CAGTGCGCGC CTTCGGGAAT

52351    GGTCGGAGCG ACGTCTCTCT GGATCTAAGA GACTTTCTTT AGGAGAAACT

52401    CTGGAGATAA AAGCAGGAAC CACATATTTA TGGGATTGTT TTCATAAATA

52451    GATAGCCTTC CATGGTTGAT AAACTGATCC ATCCTTGGGA TCTTGATCTG

52501    CTCGTCTCAG GACGACAGAA AGATCCCCAT AAACTCTTAG GGATCCTTGC

52551    TTCTGAAGAT TCTTCAGATC ATATTGTTAT TTTTCGTCCA GGGGCGCATA
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39

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52601  CGGTTGCTAT TGAACTTCTA GGAGAGCTTC ACCACGCTGT AGCTTATCGT

52651  TCGGGGCTCT TTTTCTTATC CGTTCCCAAA GGAATCGGAC ACGGGGATTA

52701  CCGTGTGTAT CATCAGAATG GACTTCTCGC TCATGATCCC TATGCGTTTC

52751  CTCCTCTGTG GGGAGAAATT GATTCTTTTT TATTCCATAG AGGAACGCAT

52801  TACCGCATTT ATGAACGCAT GGGGGCAATC CCTATGGAAG TTCAAGGAAT

52851  CTCAGGGGTG CTCTTTGTTC TTTGGGCTCC CCATGCGCAG AGAGTCTCTG

52901  TAGTCGGAGA TTTTAATTTT TGGCATGGCC TTGTCAATCC TCTACGTAAA

52951  ATTTCCGATC AGGGGATCTG GGAGCTTTTC GTCCCAGGCT TGGGAGAGGG

53001  AATACGGTAT AAGTGGGAAA TCGTTACCCA ATCGGGGAAT GTGATTGTAA

53051  AAACAGATCC TTATGGGAAG AGCTTTGATC CTCCACCCCA GGGTACAGCT

53101  CGTGTTGCGG ATTCTGAGAG CTACTCTTGG AGTGATCATC GTTGGATGGA

53151  GAGGCGCTCG AAGCAGAGTG AAGGGCCCGT CACGATCTAT GAAGTGCACT

53201  TAGGCTCTTG GCAATGGCAG GAGGGAAGGC CCTTAAGCTA CAGCGAAATG

53251  GCGCATCGCC TTGCTAGCTA TTGCAAGGAA ATGCACTACA CTCATGTGGA

53301  GCTTCTTCCC ATTACGGAGC ATCCCCTGAA TGAATCTTGG GGCTATCAAG

53351  TGACGGGATA TTATGCTCCA ACATCAAGAT ACGGGACTCT CCAGGAGTTT

53401  CAGTATTTTG TAGACTATCT ACATAAAGAA AATATTGGTA TTATTTTAGA

53451  TTGGGTGCCG GGACATTTTC CCGTAGATGC GTTTGCTCTT GCCTCTTTTG

53501  ATGGGGAGCC TCTCTACGAG TACACGGGGC ATAGTCAGGC TCTTCATCCC

53551  CACTGGAATA CGTTTACCTT TGACTACAGT CGTCATGAAG TGACCAACTT

53601  TTTACTAGGG AGTGCTTTAT TTTGGCTCGA TAAGATGCAT ATTGATGGCT

53651  TACGTGTGGA TGCTGTGGCC TCTATGCTGT ATCGTGATTA TGGCCGTGAA

53701  GATGGAGAAT GGACGCCTAA CATCTATGGA GGTAAGGAGA ACTTAGAGTC

53751  TATAGAATTT TTGAAACACT TAAATTCTGT AATTCATAAG GAGTTCTCTG

53801  GAGTGCTCAC CTTTGCAGAG GAATCCACAG CGTTTCCAGG AGTCACTAAG

53851  GACGTAGATC AGGGAGGTCT GGGGTTTGAT TACAAATGGA ACTTAGGTTG

53901  GATGCACGAT ACCTTTCATT ACTTTATGAA GGATCCCATG TATCGTAAAT
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40

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53951  ACCATCAGAA AGATCTGACA TTTAGCCTTT GGTATGCCTT CCAAGAGTCT

54001  TTTATTCTTC CTCTCTCGCA TGACGAGGTG GTCCACGGTA AGGGCAGCTT

54051  AGTGAATAAG CTTCCCGGGG ATACCTGGAC CCGATTTGCT CAAATGAGAG

54101  TGCTCTTGAG CTACCAGATC TGTTTGCCTG GGAAAAAGTT ACTGTTCATG

54151  GGTGGGGAAT TCGGACAATA CGGCGAGTGG TCTCCTGATC GTCCCTTAGA

54201  TTGGGAGCTT TTGAATCATC ACTACCACAA AACTTTGCGA AACTGTGTCT

54251  CTGCATTGAA TGCGTTGTAT ATTCACCAAC CCTATTTATG GATGCAAGAG

54301  AGCTCTCAAG AGTGCTTCCA TTGGGTAGAC TTCCATGATA TAGAAAACAA

54351  TGTCATTGCC TATTATAGAT TTGCAGGCAG CAATCGTTCT TCGGCGCTTC

54401  TCTGTGTCCA TCATTTCAGT GCGAGTACTT TTCCTTCCTA TGTTTTAAGG

54451  TGTGAAGGTG TAAAGCATTG TGAACTCCTT CTCAACACTG ATGATGAGTC

54501  TTTTGGAGGC TCAGGGAAGG GAAATCGGGC TCCTGTGGTC TGTCAAGACC

54551  AAGGGGTCGC TTGGGGTTTG GATATAGAGC TCCCTCCTTT AGCTACTGTG

54601  ATCTATTTAG TTACTTTTTT CTAAAAATTT AAATACTTTA TTTGTAAATT

54651  GTTGTGGGAT TGTTCTATTT TGTGGTGTAG TTGATATTAA TAATTTATTT

54701  TATAATTAAA AATAATTATT AGTATTTCTT TTATGTCTAC ATCACCAATT

54751  AGCAACGATC CCCGATATTT GTCTTTGTCT AATGCAACTG AGAAAACTTC

54801  TCTTCTTGCA AATAGCCGGA GTCTCTCGCC AGTACCAAAT TCCCTAGTTC

54851  CTAGCAATCC TGAAGATACA GGATTGCGAA AAAGTATTTT CACCCATTCC

54901  GTGACTTTAT TTGCTGGCCT GGTTGTTTTG CTGGTAGCGG TTTCTGTTGT

54951  TGTTGTCGCT TTGACCGTCT TAGCTCCCGG AGTTCCTCAG GCTATTCTTC

55001  TTGGAATCGC CATTTCAGGC GTGGGTATTG GTGGATTTTC TATAATGAAG

55051  AGCTTGGTTT ATATGGTCCG AGACTATATG TCCCCCAGGA TGCAGGAGTC

55101  GAGCAGAATC AAAAGTGCTT TAGCTGTAGG GACTGGATTT ACTGTCATGG

55151  GTTTGGTCAT GAAGGTGGGG GCGAATTTTG TTCCTGGAGG GTATGGGGGT

55201  CTCGTGGGTA GCTTGGGATC CAGTGCGTAT TCCCGGGGAA GCCAAACCAC

55251  ATTAGCAAGC TTCAGTCATT ATATTTATAC TAAGTTTTTC CGTTCTGAAA
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41

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55301  AAGTTGCTAA AGGGGAGAAG CTTACAGAAG CAGAAACTAT AAAAGAGGCG

55351  AAAAAATTAC ACTATATCAC GTTGTCAATT GCCACTATTG GCGTTGGTCT

55401  TGCGGTTTTG GGGATTCTCC TTGCCATTGC AGGAACGGTA TTGCTAGGAG

55451  GCGCTCCCGC AACGATTGCT ATTATTTTAG CTCCCCCTTT AATTTCTATA

55501  GGGCTTACGA CGGTTTTGCA AACGATACTC CATAGTAGTA TCGGAAAGTG

55551  GAGAGCCTTT CTGCTTACTC AAGAAAAAAA AGATCTTTTT GTAGACACCT

55601  CCCTGAAAGA CATTCGCTTA GAAAAATTGC CCCCAGTGA GGTGGAAGAG

55651  AGTGAAACTT CCCAATCTGT GATAGAAGTT CCAGATTCAG AGGGGATTGC

55701  AGAGACGAGG ATCTCTGCGG AAGAAATCGA TACGAGGCTT TCCCTGACGA

55751  CAAGACAGAA GGTCATCTTT GCTCTTGCGA CACTCTTGCT CTTAGCAAGT

55801  ATTGCTGCCT TCATAGTCAC GGGATTTGGT GGATTGACAG TCATGCAAGT

55851  TCTCCTTGTT GCTTCTGTAG GATCGGCGGT TGCTTCTGTA ACACTCCCTA

55901  TGGTTTCCTC AGGATTTTCC TACGTCGCCT ACCAACTGAA AGCAAGATTG

55951  AATATCAGTA AATTACGTTG GAAAGAAGCA AAAAATAAAA AGCGGGTGCG

56001  CCAGTTCTTA ATTGAGTCTG GAGTGATTGC CTCGGATCGA GAATTTAACC

56051  AAATGTGGAA GACAGTCTAC AAAAAACAGA TTCAGAAGAC TGACGCTGCA

56101  ATTCGTGAAG AGGTTCGCAA TTTTGAGAAG GGTGGGGAAG TGAACAGCGC

56151  CCTTGTTGGT GGAATCTTAC TTGGTGTAGG AACTGGGATC ATGCTTCTTG

56201  CCCTGGTCCC TGCATTTGCT CCTATCGTTC CTGGTATTCT TGCTCTTGGA

56251  GGATCGACGT TAGGAATCGC GGGATCGATT TTAATGAGGA AGTTTGTCAA

56301  CTGGCTCTAT GATGAGCTTG TGAAGCTCTA TGAGCGTCGA CGTAATCGCC

56351  GTGAGCTTCT CTATGGTCCT GAAAGTAAAA TGCGCTCCAT TGCTACGGAT

56401  TTAGTTGTTG AGGCTCTTGC TGCTAGCCAC GATCATCTAT TTGATCTTGA

56451  TGGTCCCGTA GATTTTATTG ATGTGGATGT AGATATAGAT GGAGCTGCTT

56501  AGGCCAGGTC CTTGAATGTA AGATCCTCGA GCTTTGGGAG CTTGTCTGCC

56551  TTCTCTAATT TTATTTTCTC TTTTACATCT AGTAGTTTAC TTAATTATAT

56601  AATCAGCATT CTTTTTGTTT ATTTTAATTT ATATTTTGTT TTTAAAATAT
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42

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56651   TTTTTATTTT AACATTTGTT TAATAGTTTT TATTAAATAA TTTATCATTT

56701   TAAGGTTCAA TTATGGCAGT TGGTGGCGTA GGCGGCTCAA GATCTCCTTC

56751   CCCCATTCCT CCTAATAGAA GGAATAGTGA GGATGGAAAA GTAAGTCCTA

56801   AAGACAACTT AGGGGAACAT ACAGTTAGCA GTAGTGACAG TAGTCTTGCA

56851   AGTCAGGGCC CTACAATAGA AGAGAGAAAA GCCCAGTTAG GCGGGACTGA

56901   TAAAATTCCT TTGCCATCTG TCAAAGAACC CGGAGATTCT CAAACTTCAG

56951   GACGTTCTGG GGTACTTCAG AGAATTTGGA AAGGCGTTAA AGGGGTCTTT

57001   AAAAAAACCC CTCAAGCGCG TCCTGAAGTT TCTAGTCCAC GTCTTCCATC

57051   CCATGTGCAA CATGGCCAAC GTCTTCCTGG ACTCGAGGGC TTTAGAGATC

57101   GTATCCAGAA AAGATCTGAA AATCCAGAGG CAGATTTAGG GAAGATGAAA

57151   CGTTCCTATT CTGATGGTGA CCTTGATCGA GTAGGACACG ATTCTAATGA

57201   AGATTCTACA GAGGATAGCC GTTCTGAAGG AGGAGAGCCT TCTTCAAAGA

57251   GTTCTTCCTT CTTATCAGGA GTTCGAGGAG CGGTGTCTAA AGTTCATGGT

57301   GCCCTAGGTG ATATTAAAGG AAAGTTCCAG CGTTCTGCTT CCGAAGATGA

57351   TTTAACAACT CAGGGCGAAG ATTCTGCCGG CGATACTGTA AAAGAAAGGC

57401   GTTCCGAAGA AGCAGAGGCT TCTTCGAAGA GTTCTTCTTT TTTATCAGGA

57451   GTTCGAGGAG CGACGTCTAC AGTTCAGGGA GCCTTAGGTG ACGCTAAAGA

57501   GAAGGTTTCG GCGTTCGGAG AGCAGGCTGC AGGTGCAATC AGATCAGCAC

57551   CAGGGAATAT CAGAACTAGA TTCCAACGTT CTTCATCGGA AGGTGATCTT

57601   TCTAATGTGA ATAAAGCAGC AAAACATCTG CGTAAGGCTT TAGAAAATTT

57651   GGAAAAAGTA GCTCCAGAAC AAGTGTCACC AGAGGTGGCT TCTAGGGTGC

57701   AATCTCTTCT TGCACGCATG GAGCAATTGA CTCATCAGGA ACCTCCTACT

57751   GTGGAGGATC TTATTACTTT CGTAGAATCC AATGTAGGTA GTGATTCTGT

57801   GGAGTATGCA TCCATCGTAC CTCAAGATGG ATCGCAAGCC CCAGCAGAGA

57851   CTGCGGAAGC TCCCGAAACA GGTGGGGTAG AGGGATCTGC AGCGCAGGGA

57901   GCATGGAAAG CGTTACGGGA TTTTGTAGTT AGCATATTCC AAGCGGTAGC

57951   GAGCTTCTTT AGGGCAATTG CTTCAAGATT AAGTTCAGCA CGACGTGAAT
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43

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58001  CAGCTGTAGA TGATCTTGCA TCAGAAAGTA ATACACAATG GTTTGTGGAG

58051  CAAGAGGGCG TTTCAAATCC ATCGGCTGCA CCTAGCTTAT CTTTTGCGGA

58101  AGAGATCGCT CGTAGAGCTG CAGAAATGAG TAACAGAAAT GCCCAGAGTC

58151  TTGAAAAATT GGAATCAGGC AATGTGACTG ATCCTGTCAT TCAACAAGGC

58201  TTAGGATTAG CTAGATCATT TGCTCCAGAG GGACAGTAGT CGTTATCTCA

58251  CTGTTTCTCT ATGCGCAAGG GAAACTTGAA GAGTTTTAAT TAAAACTCTT

58301  CAATATGTTG ATTATTTTAA TATATTTAAA AGCATTTTTG TTGTTTTTTA

58351  ATAAAATTAA ATTGTTTCAG AAAAAAGATT ATTCTTTTTA GGAAGTGTTT

58401  ATGGCATCAG GAATCGGAGG ATCTAGTGGA TTAGGAAAGA TTCCACCTAA

58451  AGATAATGGG GATAGAAGTC GATCGCCCTC TCCTAAGGGA GAACTTGGCA

58501  GCCACGAGAT TTCCCTGCCT CCTCAAGAAC ATGGAGAGGA AGGAGCTTCA

58551  GGATCTTCGC ATATACATAG CAGTTCCTCT TTTCTACCAG AAGATCAGGA

58601  GTCTCAGAGC TCTTCTTCGG CAGCTTCTAG CCCGGGATTT TTTTCTCGCG

58651  TACGTTCTGG GGTAGACAGG GCCTTAAAAT CATTTGGCAA CTTTTTTTCC

58701  GCAGAGTCTA CGAGTCAAGC GCGTGAAACG CGACAAGCTT TTGTTAGATT

58751  ATCAAAAACC ATCACCGCGG ATGAGAGACG GGATGTCGAT TCATCAAGTG

58801  CTGCTGCTAC AGAAGCCCGA GTGGCAGAGG ACGCGAGTGT TTCAGGCGAA

58851  AATCCTTCTC AGGGGGTTCC AGAAACCTCT TCTGGACCAG AACCTCAGCG

58901  TTTATTTTCT CTTCCTTCAG TAAAAAAACA GAGCGGTTTG GGTCGGTTGG

58951  TACAGACAGT TCGCGATCGC ATAGTACTTC CTAGTGGGGC TCCACCTACA

59001  GACAGCGAGC CTTTAAGTCT CTACGAGCTA AACCTCCGTT TGAGTAGTTT

59051  ACGTCAGGAG CTCTCTGACA TACAAAGTAA TGATCAGTTG ACTCCAGAGG

59101  AAAAAGCAGA AGCCACAGTT ACCATACAAC AGCTGATCCA AATTACAGAA

59151  TTCCAATGCG GCTATATGGA GGCAACACAA TCTTCGGTAT CTCTAGCAGA

59201  AGCTCGTTTT AAGGGGGTAG AAACTAGTGA TGAGATCAAT TCCCTCTGTT

59251  CAGAACTGAC AGATCCTGAG CTTCAAGAAC TCATGAGTGA TGGAGACTCT

59301  CTTCAAAACC TATTAGATGA GACTGCCGAC GATTTAGAAG CTGCTTTGTC
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44

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59351  CCATACTCGA TTGAGTTTTT CTTTAGACGA TAATCCAACT CCGATAGACA

59401  ATAATCCAAC TCTGATTTCT CAAGAAGAGC CTATTTATGA GGAAATCGGA

59451  GGAGCTGCAG ATCCTCAAAG AACTCGGGAA AACTGGTCTA CAAGATTATG

59501  GAATCAGATT CGCGAGGCTC TGGTTTCTCT TTTAGGAATG ATTTTAAGCA

59551  TTCTAGGGTC CATCTTGCAC AGGTTGCGTA TTGCTCGTCA TGCAGCTGCT

59601  GAAGCAGTGG GTCGTTGTTG CACGTGCCGA GGAGAAGAGT GTACTTCTTC

59651  TGAAGAGGAC TCGATGTCGG TGGGGTCTCC TTCAGAAATT GATGAAACTG

59701  AAAGAACGGG CTCTCCGCAT GACGTTCCAC GCAGAAATGG AAGTCCACGT

59751  GAAGATTCTC CATTGATGAA TGCCTTAGTA GGATGGGCAC ATAAGCACGG

59801  TGCTAAAACC AAGGAGAGTT CAGAATCAAG TACCCCGGAA ATTTCGATTT

59851  CTGCTCCCAT AGTGAGAGGT TGGAGTCAAG ACAGTTCCGT CAGTTTTATT

59901  GTTATGGAAG ATGATCATAT TTTCTATGAT GTTCCTCGTA GAAAAGATGG

59951  AATCTATGAC GTTCCTAGTT CCCCTAGATG GAGTCCTGCG CGAGAGTTGG

60001  AAGAGGATGT TTTTGGAGAT TATGAAGTTC CTATAACCTC TGCTGAACCA

60051  TCTAAAGACA AGAACATCTA CATGACACCT AGATTAGCAA CTCCTGCTAT

60101  CTATGATCTT CCTTCACGTC CAGGATCGTC TGGAAGCTCA CGTTCTCCGT

60151  CTTCAGATCG CGTACGAAGC AGCTCACCAA ATAGACGGGG TGTGCCTCTT

60201  CCTCCAGTTC CTTCACCTGC TATGAGTGAG GAGGGGAGCA TTTATGAGGA

60251  TATGAGCGGT GCTTCAGGTG CAGGTGAAAG TGATTATGAA GATATGAGCC

60301  GTTCCCCCTC TCCTAGAGGC GACTTGGATG AACCCATATA TGCTAATACT

60351  CCTGAAGATA ATCCATTTAC TCAGAGAAAT ATAGATAGAA TTTTACAGGA

60401  GAGGTCAGGC GGTGCTTCCG CTTCTCCTGT AGAGCCTATT TATGATGAGA

60451  TCCCATGGAT TCATGGCAGG CCCCCTGCTA CACTTCCAAG ACCCGAGAAT

60501  ACATTGACTA ATGTTTCGCT TAGAGTGAGC CCAGGGTTTG GACCAGAAGT

60551  AAGAGCCGCT TTGCTTAGCG AGAGCGTGAG TGCTGTTATG GTCGAAGCAG

60601  AGAGTATTGT TCCTCCAACA GAGCCGGGGG ACGGAGAATC AGAATATCTA

60651  GAGCCCTTAG GGGGACTTGT AGCTACAACG AAAATCTTAC TACAAAAAGG
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45

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60701  ATGGCCTCGT GGAGAGTCGA ATGCTTAGGA TTTAAGTAGT TCTTTCGAAT

60751  CTCTAGTGAG GATGTATCGG GTTCTTAATT TTTATGGGGG AAACGTATCT

60801  GTGGATTTCC CTTAGCTTCT CCCATAAGAT TCATGATGGT AGAGAGTGTT

60851  CACTACTCTC TATTTGGTCT TTACAGGTTG CATTGTCTAT ATAACATGCT

60901  TTTAAAACTT AAAGGTCGTT CCTGCGTGAA GGTAATGTGT CGTCGTTGAT

60951  GAGGATACCG AGCCTTGATA GTCTAAGAAC ACCGAAAGTT TAGGGAAGAT

61001  AAAAATTTGG TTTCTTCCTT TAAAAGCAAT GGCATTGCGA GCAAGGGTGG

61051  TTCCTGATAG GAGCCATGAC GATCCACTAG ATTCTAGACT CACGTTGATC

61101  TCAGGATTTT GTTGGTAGAG GACAGGCTGA TAAGCAAGCT CTATGTTCCA

61151  ATAGGTAGGA AGACGGAACT TGGATTCCCA AGCGCTCTGA ATTCCCAGAG

61201  GGACTGTCAG GTTATATAAG GGTTTATGAA CAGAAAATTT TCTAGCTTTA

61251  TCTCCACTTT CTTGAAACGC AGTTTGATTA GAACGAACGG CAATTGCTTG

61301  GATAAAAGGA GTGAAGTGGA GAGGTCGTGA TCGCCATTGT AGAGATAGAG

61351  AGCAAGAGAG AGCCGCCCCT AATGTCGTAC TATAACATTT GCCTTCCGTT

61401  TGTATTTTTC CAGAATATCC AGATGCTTTG ATATGGTGGT TGCTGTAGCT

61451  GTAGGCTAGA GATGCAGATG TAGAGAATCT CTCTTGCAGC CAAGGATTAT

61501  TGATCTGGAG CGCTACAGTT GTCGTATGCG AAGCCACGGA ATTGTCGGAG

61551  TGGCTCTCGT AGAGATTACT GAAAAGTTGG GAGAAGTTTA CACCAAAGCT

61601  ATGATTAGAA GCAGTGTTTG AGGTTGTTCC CAAAGAATAA CCCGTAGCTT

61651  CCATATGGAA TCCTTTCGCA TCATTGTTGC TATTTGATG CACGAAGAGT

61701  CGAGTAGCTT CTCCAGAAGC TGTAGGTGCT ATTTGGCCTT GCTGTGTTTG

61751  ATAACGTAGT GTCGCAAATA AGTTATGGAA AGATTGCCAG AAGGCAGATA

61801  GGGCAATGTC TCCTTTGTTT TCTGGGTTTA CCTTATATCC TGTAGGTGTC

61851  CAATCACCAT AAAGCTGGCG ATGTAAAGTA TTCACAGTAT CTTCAGAAGA

61901  GGTATCAGAA GTTGTGATTG TTTCGATCCA GTAAGGGGAC CAAACGCCTT

61951  GGTAGCCGTA GTGTTGAGTT GTATTTAGAC CCTCAGGGTA GAAATTATCC

62001  GTATTAATAT GTTTAGCTGT GACGTCTAAG AGATACAGAA GAGGAACTTC
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46

62051   TGCGATAGGT TGGGCAAGGT CTGCAGTATC ATAGGGATCT AGGTTCTCGT

62101   CATCCAGTAG GCTCAAAGGT CCTGAGAGAT TGATTATAGG GTTATTATCT

62151   TCGCTATAGG GTGCTGATGA ACCTGTGGGG CGAATCCATA GCTTGGGAGC

62201   AACTCTGTTG CCTAAGATAG AGGGAAGGTT AATTGCAAGA TTATTGATGT

62251   TAATTACAGA ACCCACACTA CTGCTACTTT GTTCTTCGTC TGTTGTAGAA

62301   AACACAGCTC TACTGCCTAA CCGTAGAGTC CCACCAAATT GATCAAATTT

62351   ATAGACTTTC CACTCTGCTC GATCTTCAAG AGCGAGTGTG CCGTTGTACA

62401   GTCCAATGTG GTTTCTGAAA TGTGAAATGA AGTCATCACG AGAAGTCGAT

62451   GTATCCGGAA TATATGTTGA GGAGAACAAG ATAGTTCCGA GGTGTTCTGG

62501   ATTAGGATTA AATTTTTGGA TAGAGTTTTG TATAGTATAT CTTTGTAGTA

62551   TGGGATCATA GAAGGTAGCA GAATGACCTT GACTTGCTCC AACTGTTAAT

62601   GAGACATTAC GCGTGCAGTT TACAGAAACA TGATTGCTGA AAGTATCTTT

62651   GAAGTGTCTA TTATTATAAA AAATAATATC TCCCTGATCA GCAAATAAAG

62701   TGCATGCACC ATCTTGACGG AGCATGATAG CGCCGCCCCA AGTTCCCTGA

62751   TTGTTTGTGA AATAGACGGG ACCACTGTCT TGTATAGTTA GAGATTGTGT

62801   ACAGATAGCA CCTCCATCTC GTGCTGCAGT ATTATTATCG AAGGCTGCAA

62851   TTCCTGGGTT GTCTTTTATA GAACAACTAA TGCAATAGAT AGCCCCTCCA

62901   GAGGAATGGT TAGCAGAGAT GTCCGCTTCC ATGGCAAAAT TATTGTTGAA

62951   GATCACAGAA CCGGTATTCT TTGTAAGAAT GCACTCTTGA TGTACTCTTA

63001   TTGCACCACC CAGACCTGAT TGGTTATTCA AAAAATAGAT AGGCTGAGAA

63051   TTATTCTCAA TTCTACAAGC ATTAGCGAAC AACGCGCCCC CCGCTGTTCC

63101   GCCTGCAGCA TTATTAAAAA ACAGGCAAGG GCCAGTGTTG TCCTTAATGT

63151   TTATGATTGC AGCTTGGATT GCTCCTCCTG AAGATTTTGC CTTGTTGTTA

63201   ATGAAGTATG CGGTTCCTTG ATTTTTTGAG ATTGTAACAT TTTTCGAACA

63251   TAAAACAGCT CCCCCTGTAC AAGTATCAGC GAAATTACTT GCATTAGGAA

63301   AGCTTAAATT CCCAGAGAAA ATGATGGAAC CATGATTCTC AGAAAGATCG

63351   AAATTACCAT TCACATACAT CGCACCAGCT CTTTTAATAG CAAAGCTATT

47

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63401  TAGGAAAAGA ATTTGGTTTT TTGTATTCGT TATGGCAAGT GATTTGCAAG

63451  AGAGAGCACC GCCGTCTTGA GAGAAGTTTT CGAACCAGCT TTCTATGGAA

63501  TTCTGGTGAT CGAGGACAAT GTCTTGGTTA GTGTCATCCC TAACTCCAAA

63551  AAGTGTTGCT CTATGAGAGT AGGGAGTCAT GTTAGTAAGA GTATCAATTA

63601  GAGGGAAGAG TGTTGTGAGT TGATTTGCTT GATTATCAAA ATAGTCAGAC

63651  AACGGAGTCG CATTAAGGAG TATTGTAGTT TTACCTAAAA TTAAGGCTCC

63701  AACAAAGAAG GAAGATTTAC TAAGGGATCT GTTATTTTGC ACTGTTTATT

63751  CCTTGATGTT TTCTTTGTGG TTAAAATGTG CAATGACTCT CAGCTTTAAG

63801  GTATTGACCT ACAGTTGACG AGGAGACTTG AGCTGAATAA TCTAAGGATA

63851  AGGTTACTCT TGAGAAAAGT TGGGAAGTAT TTTTTATTTT TGCAGCTACG

63901  GAATTATAGG AGACGGGAGT TGCTTGTGTT GTCCATGTTC CATTGCTGAT

63951  GAGTAGTGTC GTGAACATTT CTGGATTTTT TCTGTATAGG GTAGGTACGT

64001  AGGATATTTC CGTAGTCCAT AGCATGGGGA TATGATGTGA AGTTTTCCAT

64051  TCAGAACGGA AGCCTATGGG AGAGGAAAGA TCTGTAAGGG GATGTTTTGG

64101  ATGGAATTTT CTTATATGGT CTCCAGTTTC TTGGAACGAG GCCTGGGAAC

64151  AGCGCAGAGC AATGGCACTG ATAAAGGGCT GGAGTTCGAG AGTGCGGGTG

64201  ATTCTAGCTG GTAAGAATGT GCAGTCTAGA GAGGCTACCA AAGTGTGGTT

64251  ATTAAAGAAG GCTTTGGACG ACCCTTTTAA GATTTCTGTA TAGTGGCAAA

64301  GCATATGGTG ATCTCCGTAG CTATAACCTA GGGATAGCCC TGTAGAGATG

64351  AAGTCCCTGA AGAGGAGACT GTCGAAGCGG AGTCCTGCAA AGTAGTTGTG

64401  GGAGGAAGTC GTACTTGGAG ATTGACGTTC TCTAGTTTTG GAGAACATTT

64451  GTGCGAATCC TAAAGAGAAA CTATGTCGTG CTGCAGTTTT TGCTGAGGTT

64501  GTTGCTGCAT AGCCCGTAGT ATGGTTTCGG AAGCCTTTGC GTCCCTCGCG

64551  ATTATGTTGG TTAATTAGAA GCCCGAGTCC TTGCAGAGAG GCTTCAAGGT

64601  CATGCTCTTT GAGGTTTTGT GGAGGTAAGA TGCGGATTCC TAACAGAGCG

64651  TTATAGGCAG ACTGCCATAA GGTATTAGCA ATAAATTCTC CGTGACGTTC

64701  CGGGTTAGGG CGGTATCCTA CAGGAGTCCA GTCTACGTAG AGCTGCCTGT
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48

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64751   GGTTTGTATT GGTCTGTTCC GGTACTGTAG AGCTTGTTGT AGTCGTAGTT

64801   TCCATCCAAT AGGGAGACCA GATTCCCTGA TATCCATAGT GCTCATCTAA

64851   GTTCATGGCT TCTACAATGA GATTCGAAGT ATCGATTTTT TTTGCAGTCA

64901   CATCGAGGAG GTAGAGGAGG GGGGATATCC TTTCGAGGTT CAGAGAGATC

64951   TAAGCTATCA TAGGGGTTTT CATTTTCATC GTTTAGAAAA GTCAAGGGTC

65001   CTGAGAGAGT GATAGTAGAA GAAGTGTCTT CAGAATAGGT GGATCCTGTT

65051   AATGTAGGAT AAATCCAGAA CTTTGGAGCT GAGGCTTCTG ATTGTAAAAT

65101   AGAAGGAAGA TTGATCGCGA TTGCATTAAA ATTTATGGAG CTTCCCGGGC

65151   CTTTCGTCCT GATTAATGCT GCGTTTCCTA AACGTAGAAT GCCCCCAGTT

65201   TGCGATAGGG TTTTGCAAGA AATAGCAGCC CGATCTTCAA TAGCGAGCAC

65251   ACCCCTTTCA AGTCGTGAAG AGTTAGAAAA TTTTGATAGG AAGTTCAATG

65301   GATTTGTTGC GTTAGAATCT ACATTGATTC CGGAAAACAA CACGGTGCCA

65351   AGGTGATGGG GTTCATAATT AAATACTATA GGATCTGTTG TCGTCTGATC

65401   GTGATCTATA GGATCATAAA AGAGAATTTT ATAACCCTGT CTTGCTCCTA

65451   GTTTTAAGTT AATCCCCGGA GCAGCATAGA GTGCATTTCT ATATCCGGGT

65501   TGAGGAGAAG AAGATGTGAT TGTATTATTG TTAAATAGAA TATCGCCGTA

65551   GTCTGCAGAG AGGAAGAAAT TTTGAGGAGT ACTTCCTATA CCAGAAAGAT

65601   TGATGAGAGC CCCTCCTGAA GTCGCAGAGT TATTAATAAA TGCTGTCGGA

65651   CCGTTATTTT GGAAGATGAA AGATCTCGTG TGTATAGCTC CGCCGCTAAG

65701   TGCTGCCGTT TTATTGTTAA AGATAAGACC TTTGGGATTG TTCTCAATGA

65751   CTAAGGAGGT ACACATGATA CCGCCACCAC CGGGATATAG TTTTCCTGAT

65801   GCTGTGTTAA TTGAGGATGC GGAGTGATTG CTGATCTCTA TAATTTCTTT

65851   ATTTGAAGAG ATAATGACTC CTAGGGCAGA AAATATACCA CCCCTTGTCC

65901   TGAAGCATTA TCATTGATTT GGATGTTTTG ATAATTCCTT TCTATATTTA

65951   CGGCTCTGCA GAAGATGCCT CCTCCAAAGC TGGAATCTTC TAATGTTTGA

66001   TTTTTCTTGA TAACGATAGG ACCTAAGTTG TCTGTGATTG ATAAACTCAC

66051   CCCAACATAG ATAGCTCCTC CTCTATTTTT AGAGACATTA TCTAAGAATT
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49

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66101   GTCCTTCTCC TAAGTTATTT GTAATATAGC TATCTAGTGC ATGTATAGCC

66151   CCACCAAATC CTGAAGTTGT AGTAGTAGCT AAGGAAGCCG CATTTGAAAT

66201   AAACGAGTAG TTCTGATTCT TAGAAATCCA GCATTCCCGA ACACTGTAGA

66251   GAGCCCCTCC AGAACTGTGG GAGCTATTCC TTTCAAAACT TAAGTTTCCT

66301   TTATTTTCAG AAATGAACAA ATTTTTACAT GCAAGAATGC CTCCATCCTC

66351   GTAGTGGTAG TTATAATCTA TAACAGAATT GATAGAGTTT CCTGTAATTG

66401   TGATGTCCTG GGTTATATCG TGACCGAATC CATTAAGAAG ATTAGAGGGA

66451   CGAAAGGAGG AAACCAAGGG CTCTGGAGTT ACATTCAGAC GGAAGCTTGG

66501   AGACGTGTGG AAAGCAGAGA TGTCTTTTCT AGACATCTGA CAAGAGGCGA

66551   GGTTAGGGAC TTCATTTCCT GATAAGGAAC AACATAGCGC AGTGGATAAA

66601   ATGCTGAGAC AAATGGGTCG CATAAACATC CAAACTTTGA TATGAAAATA

66651   GAGTTTGTCA TAAAAAATCA TCAATTTGTT GTCTAGAAGT TTATAAATTT

66701   ATATTTAAAT ATGCTTATTA ACATGTTGAA TATTACAGAG TTAGTAAACT

66751   CATATATTTG AATGATTTTC TATATTTAAA TTTTGAGGGA GTCCTCTACC

66801   GATTGGGCTA ACGTAGCTCA TCGGATAGTT GTTAATTCTA AAGATTTCAA

66851   TTTTATCGTT CTTTTATTTT AGAATTTTAA GGTACTTCCT GCTTGGAGAT

66901   GGTGCGTAGA TGTCGAGGAG GAGACCGATC CTTGGTAATC CAAGAATAGA

66951   TCGAGAGAAC GGAAGAGCGC AGTTTGATTG TGGACTTTGT ACCCTAAAGC

67001   ATTGCGAACA TAGTTATGGC CTAGGATATC CCAGGAACCT CCGCTCGCAA

67051   GTAGCGTGAC ACCGATTTGG GGATTTTGTT GATAGAGTAC CGGTTGGTAA

67101   GAAAGTTCTA GAGTCCATTC TGTAGGTACG TGGAATTTTG ACTGCCATTT

67151   TCCTTGGATT CCTAGAGGTA AGGTCAGATT ATAGAAAGGC TTTTGAGAGA

67201   CAAACTTTCG GGGATTGTCA CCAATCTCTT CGAACGCTGT TTGGTGAGAA

67251   CGTATTGCAA TTGCCTGAAC GAACGGGCTG AGGTGAAGAT AGGATTTCTG

67301   TTGCCAAGGG AAAGAACAGC CGATAGCTGC TGCTAATGTA TGGCTATAAC

67351   ACGTCCCTTC TGCCTGTTCT TGATGTGAGG GATGTAGGCT GTGGAGGTGA

67401   TGGTCCCCAT AGCCATACGC TAACACTGTG GATGTTGCAA AGGCCTCTTG
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50

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67451   GAACCACGGA AGCTCAACAT AAAGTGAAGA GACTGTATTG TGAGCCGAGA

67501   CGTTGTTGCT TGATCCGATT TCTTTAGTGC GGGTGAAGAA CTGTGCAAAA

67551   CCTAAGGAGA TTTTCTGATG TAAAGAAGTT TCGGAGGATG CTTGTAAGGA

67601   ATACCCTGTA GATTGGATAC GGAATCCTGG AGCCCCGGGG ATGCTATTTT

67651   GATGAACAAA GAGGCCGTCG GCAATCCCTT GAATTTCTAA GAAAGGCCTC

67701   TCGATATCAG AATCACCAGT TCGATTATAA CTTCTTAATA GAGAGAACAT

67751   AGTATGAAAG GATTGCCATA GGGGAGTCGT AGCAAGATCT CCTTGGTATT

67801   CAGGATTGAC CTTATATCCT AAGGGAGTCC AATTGGCATA CAGAGCTCTG

67851   TAGAGGGTGT TTGCCGTCTC TATAGAAGCG TTATTGTTG TTGTTATCGT

67901   CTCTACCCAA TAAGGAGACC AGATGCCTTG ATAACCGTAA TGCTCAGTCG

67951   CATTTAAGCT TTCAGGATGA AAGTTATCGG TATTGATATG ACGTGCTGTT

68001   ACATCCGATA AAGAAGAAG ATGAATGTTT TGTAAAGGCT CAGAGAGATC

68051   TATACTGTCG TAGGGATCGC GGTTTTCCTC ATTTAAGAGT GTCAGAGGAC

68101   CTGATAAAGT AATTGTAGGG TTATTGTCCT CTGTGAAAGG AGCACTAGAT

68151   TGTAGAGGAC GGATCCACAA GGTAGGAGCT TTTCCTTTTG CTAAGATCGA

68201   GGGGAGGTTA ATCGCAAGGT TATTAATGAT GACCTGGGAG CCTACACTAG

68251   TTGATGGAGT CTCAGAGTTG GCAGTTGTTG CAATACTCGC CGCATGCCCT

68301   AATTTAAGGA TACCTCCTTT TTGAGTGAAC TTATAGAATT GCCATCCCGC

68351   ACGATCCTCG ATAGAGAGGA CACCATTGCG AAGTTCAGAG GTATTTTTCG

68401   AGCTGCTAAT GAAATTATTT TCGTAGTCAG AAGCTTCTGG GATATAGGCT

68451   GAAGAAAATA AGATCGTTCC CTGATGGTTC GCATTGGGAT TAAAGATTAG

68501   AGGATTTGTA GTTGGATGTT GGTGTTCTAT AGGATCAAAA AAAGCAGTCG

68551   TATACCCCTT ATTAGCTCCA AGTTGTAAGT TGCTATTTGG TGTACAATGT

68601   ATGGCGTTGT ATCTACCAAA TGTGGTGAGG AAAACCTCAT TATTTTGAAA

68651   TGCGATATTT CCTTGTTCCG CGAAGAGTAG GCAGGTGCTG TCCTGTAGGA

68701   GCATAAGAGC ACCTCCCCAG TTTCCTTGAT TGTTGGTGAA ATATACGTGG

68751   CCACTATTTT TGATTGTCAA AAATTGTGTA CAGATAGCTC CGCCATCGCG
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51

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68801   AATGCAGTAG TTATTATTGA AAAGAATAGT TCCAGGGTTA TCGTCTATGG

68851   ATAGGTTTGT TGTATAAATC GCCCCTCCTG AACCATTTCC TGAATTTATC

68901   GAACCAGATA ACGCTGTGTT GTTATTGAAA ATCACCGACC CGGAGTTATT

68951   TTTTATCGCA ACAGTAACGC TTGTTTGAAT GGCCCCGCCA TTGTTCCCAC

69001   AGTTGTTCTT AAAATAAATA GGACGCGTGT TATCAGAGAT CGTTGTATTT

69051   TCACTACGAA GCGCACCCCC TCCACTAGGG GCTGTATTGT TAAAAAAGAG

69101   TAGAGGTGCC CTGTTGCTTT GGATGCGGCA GTGTCCATTG GTGGAGAGGG

69151   CTCCTCCCCA GTTGTTGACG GAATTGTTGA CAAAGTAGAA AGTCCCTTGA

69201   TTTTGAGAAA TCGTGAAGTC TCCATTACAG GCAATCGCAC CCCCACGAGT

69251   TTCTCCTCCT GTACTCGCAT TGTTAAGACC TCGATTGCTG AAAAAAATAA

69301   GGGGTCCTCT ATTCTTCGTG ATTGTGCAGG CTCCCTGGCA AGCAATCGCG

69351   CCTCCAGTCC CAATCGCGAG ATTTTTACTG AAGAAGGCAT GGTCTTCAAC

69401   ATTTGATAAT AAGAAATTAT TACAGGACAC AGCTCCCCCA GCCGATGTCC

69451   AAAGAAGAAG GATGTTATCA ATAGACTTGT AGTTAGAAAG TACAATGTCT

69501   TGAGAGGAAT TATGTCTATT TCCAACAAAC GTAGTTATTG GAGAAAATCC

69551   TGTAAGAGTG GAGAGAGAGT CTAAGAGAGG AAAGCTCGTA CGAAACTCTT

69601   CATCCCTCTC TAAAGCAAAC TTTTCAAGGG AGTCCGTTTG TAAACTATAC

69651   ACTGCAGGAG TCATCCCGAA CATGCAGGCT GTGAAATTCC CGAGATAGAA

69701   TAAAAACTTA GGAGGAGTCT TTGACACTAG AGGTTCCTTA ATCTTTCTGT

69751   TTTGGTCACT TATTGTTAAA ATCTCATTCT ACTCGCCACG TTTAAGTAGT

69801   GACTCAGCGT GGAGGAAGAA ATATCCGCAG AGTAATCTAA GGAGAGAGTG

69851   ACTTTAGGAA ACACCTGCAT GGTATTTTTC ACTTTGATCC CTAAAGCATT

69901   GTAGGTCACA GGAGTGGCCT GCGTCGTCCA CGTACCTTGG CTAATCAGTA

69951   ATTTCGAGTG GAGTTCAGGA TCTTGCCTAT AGAGAGTAGA GCGATAGGAA

70001   ATTTCTGTGA GCCAGACTAG GGGAACTCGG TGGTGGTTCT TCCAAGAAGC

70051   GCGGATTCCT ACAGGGAGGG AGACGTCCGT TAGGGGGCGG TGTAGGGAAA

70101   ATTCCCGAGC ATGGTCTCCA GATTCTTGAA ACGCAGCAAG ATTTCCTCGG
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52

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70151   ATGGCTAAGG CAGTAATAAA GGGATAGATC TGCAGGGACT CGCCGTGAGG

70201   TTGAGGTAAG AAAACACAGG AGAGAGCCCC TGCTAAGGTA TGGTTGTGGA

70251   AAGATCCCTG AGAGTTCCCT TCCAGGAGAC CCTGATACAT TGTATGGGTA

70301   TGTTCCGAGG TAAACATATA AGCAAGAGAC ACAGATAGAC GTATCCACTC

70351   TTTGAAGAGA GTATTTTCTA TGCACATTCC AGAGAAATAG TGGTGAGAGG

70401   ACGTGCTATT TTGAGATTCA TGTTCTTTAG CTTTGGAGAA GAACTGAGCA

70451   AATCCTAAAG AGAAATTCGG ACTTTGAGAA GAGGTTGCTT CGGTGGTAGC

70501   ACTATAACCT GTCATATGAC TACGAAATCC CTTAAAACCG TTTTTGTCTT

70551   TTTGATGAAC CAGAAGACCA ATGCCTTGTA GGGAAGCTGC ATGACCCTTC

70601   TCTTCATCCC AGGAGGAGAG GGAGTGGAGT CCTGCAAGAG CCGTATATGC

70651   CGATTGCCAC AAGGCATTCG TAATGAATTC TCCTCGACGT TCGGGATGAG

70701   GACGGTAGCC TAGAGGAGAC CAGTTTGCAT AGAGCAGCTT GTGTTTTGTA

70751   TTCGCGCCTA GTAGAGATGT AGGGTTCGTG ATTGTTGTAG TTTCTACCCA

70801   ATAGGTCGAC CAGATGCCTT GATACCCATA GTGTTCGCCA GAATTTAATG

70851   TGGATAGATC CAGTTGCGAA GAGTTAATTT TTTGTGCAGC GACATCGACA

70901   ATATAAAGAA GGGGAACTTT CTCAAGAGAG TGCGAGAGAT CCAGACTATC

70951   GTAGGGATCT TCGTTGTTGC TGTTGCGTAA GGTGAGAGTT CCTGAGATTG

71001   TGATTGTCGG GTTGGAATCT TCAGTATAGG TAGATCCTGT TTTTGTGGGG

71051   TAAATCCAAA TTTTTGGAGC CTGAGCTTGA AAAGAAAGAA TAGAAGGAAG

71101   GTCAATGGCA ATGTGATTTA AAGTTATAGT ACTTCCTACT GTCGTTGGTG

71151   TTGAGGATGG TGTGGGAATC GTTCCTGCTG TCGTGATCAC CGCACCTTGA

71201   CCTAGAAGTA GAGTGCCTCC TCGTTGGAAG AACTTATAGC AGGCCAGCCC

71251   CGCACCATCT TCAACAGCAA GGACTCCTTG ACGTAGTTCC GAAGTGTTCC

71301   TTAAATAGGA AAAGAAATTC ATTTCATCGG TAAAGTTCTG GTGTACATGT

71351   TCCCCTGAAA ATAAAACTGT ACCTGTATGA CCGGTTTCGA AATTAAAGAG

71401   TATGGGGAAG GAGGAAGGGA GCTCATGTTC TATGGGATCA TAGAACAGCA

71451   CTCGATAGCC GGGACGGGCT CCTATTTGCA GATTCATATT AGGAGTCGAG
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53

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71501   TGAATGGCGT TTCTGTATGG AGGATTGAGG GCATGCTTGG AGGCCGTATT

71551   ATTGTTAAAG ATAATATCTC CATTATCTGC AGATAAGATG AAGCTTCCGT

71601   TTCCAGAACC TGCTGATAAG TTGAGGAGAG CCCCTCCCCG AGTTGCAGTG

71651   TTATTTAAAA AGTATACAGG ACCATTTTCT TTGATAATGA TAGATTCGC

71701   ATGAATGGCT CCACCGTTGC TCTGGCTTTG GTTATTGTTA AAGAGTACCC

71751   CTTCTCGGTT GTTCAATATC GTGCAAAAGG TGGTAGTAAG ACCTCCTCCT

71801   CCTGGATTGA AGTTCGATCC ATAGTTATTT GCGAACGCGG AATTTTCACT

71851   GATTTCTATG AGTTTTTTAT TCGAGGAGAT CGTGAGTGTT TGGGTAGAAA

71901   ATATGCCTCC CCCAGATCCT GAAGAGTTGC TTGTGATCTG TATAGCTCCA

71951   GAATTTCCCT CTATATTTAG AGAGTTCCCA CTATAAATCC CTCCTCCTAA

72001   ACTGTCCGAA TTTAGTGCCC GATTCTGCTT GATTATGATC GGGCCTTTAT

72051   TGTCTTTAAT AGATAAGTTC GTCTCAGTAT AGAGGGCACC CCCCTTATTT

72101   AAAGCGAGAT TGTCAACGAA AGTTCCCTGT CCTAGGTTAT TAGTAATAGA

72151   GCAATTTATG GCAAAGAGAG CTCCACCCAA TAGTGATCCC GCAGTGGCTG

72201   TAGGATTGTC AGAGACCAAG TTTGTAGTAA ATGCATAGTT CTGATTCTTG

72251   GAGATCGTGC AATTTTGAGC AGCATAAATT GCCCCGCCAG AATTGGGACA

72301   GACATTCTTC TCAAAGAAGA CATTCCCTAT ATTTTCAGAG ATCAGAAGAT

72351   TCTTACAGGT AAGAGCACCT CCATTCGACC GATAGTACTT ATAGTCCAAG

72401   ATGAAATCAT TGTGATTCCC GACAATTGCG AGATCTTGAT TTTGGTTATG

72451   AGTAAACCCT ACTTGAGGGG CTGCTTGATA TTCAGGACTT AATGTAATAT

72501   AGGTCTCCAA AGGAAGTTGG AGACCTTCAT TAGCCAATAC AAAAGTAAAA

72551   GGAAGCAACA TTCCGAAGCA AAAAAAGCGC ATACTCGTTC ACAAATAGAA

72601   AGAAATATTC TGAATAAATC AATGCTAGAT TTTTTGTCTA TAATTTGTTT

72651   TATAGTGTCT AATTATGAGT AGTTTAAAGT TATCTTATTT AAGACAAGAC

72701   GATTTTAATT TCCTTTTTTC ACAATAAAAT GCGAGTCCAA GAGTTTTAGT

72751   AAACGTACAT CATACTTTGG AAAATGGCGG CAAGTAGTCA GAGGATCAAG

72801   CTCTTTGCAT ACTTTGCTTA GAGCAGTTTT TGGTTCTCAG GGTCGTTTGC
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72851 CTTTAGGGAG CTTGTGATGT TTGGGATCGG AGAGCCTCCT TATATCCCTA

72901 GGGGATGCCC TAGGAACTCT TCCGAAACAC CGAGGGTCTG TTAGAGATAA

72951 AAACAAAGGA CCATCGGGGA GACTTGTACT CATAAGAGCC ACTTATCTCT

73001 ATTCCTATAG ATTTTTGCTG ATTTTGATTA TTAGAAAATA ATAGATTTTT

73051 TCTGTTTTTT AAAGTAAAGT ATTTTTTAAA AGACTCATTT TTAATGAGTT

73101 ATTACTTTTC TCTTTGGTAT CTGAAGGTGC AACAGCACTT TCAAGCAGCA

73151 TTTGATTTTA CTCGCTCCCT GTGTTCACGA ATTTCTAATT TTGCTTTGGG

73201 AGTGATTGCA TTGCTTCCTA TTATTGGGCA GTTGTATGTA GGGCTGGACT

73251 GGCTCCTCTC TAGGATAAAA AAGCCAGAAT TTCCTTCCGA TGTGGATCAG

73301 ATCGTGCGAG TAGAACACGT CGTGGGTCAC GACCATAGAA GTCGAGTTGA

73351 AGATATTCTA AAGAGACAAA GGCTCTCATT AGAGCCTAGA GACGAGGGGA

73401 AGGTTCACGG AGATCTGCCT TCAGCTCCTT TTTTTTGATA TCCAAAGTCT

73451 CAAGTTCCTA CAGTTGTTCT CTGAGGGGAC AGCTCTAAAT TTATTTCGTA

73501 TATTTGCTCC ACTACGCAAC CGTGTGACTA CAGAATACAG TCGTGCTAGG

73551 CAACCCGACC TACATAGAAT TGCCATCGTC TATATAGGAG TTCTCGATTC

73601 AGAAAGTTCC AAGATCCTAG AGCGGCTAAT CTCTTATATG AGTTGTATCT

73651 ATTCTGAATC GCAAATGTAT TTAAGATTCT TTATGGGCAA GAATGTAAAT

73701 CAAAGTGCTG TACTCTCAAA ATTACATGTA GAAAATCTGC ACATCCGTTG

73751 TGGGTTTTTC AGCGAGGATG CTGTTCCAGA GAGTGAGCCC TTCGATCTCT

73801 CCATCTACGT GCACACAGAT CGTAGCTGTC CTCTCCCTAC GAAAAAACGG

73851 AGCAGCTCCT GGGAACTCCA AACTGTAGAA CTCCCAGAGT CAATATATCC

73901 ACAGTCGGAA TTCCTATTGA TGAGACCTCG AATGCTTTCG TAGACTCTAT

73951 GATGAAACAA GGAGTCGGGC AGGATGCTAA AGAGCTATAC ACATTTCTAT

74001 CTCGTGGGAA TGAGCATTAC CAACCGTGTC TATGGTTCAG TCTCGAAGAG

74051 GAACTCGGAT TCCTTTTCGA TGAAAAAATG CTCTGCGCCC CTCTATCTGA

74101 GGATCACTAT TGCCACTCGT ATCTTGTAGA TCTAGTGGAT CAACATTTAA

74151 AGGATTTAAT ATTATCGATG TTTTTAGATC CTCAGAATAT CTCAGCAGGA

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74201 GAACTCCTCA AGGTCTCTAT AAACGTTGGA GATTCTTTTT CTCCTCTACA

74251 ACAGAAAGAT TTCCTCTCGA TGGTCTTACG TGATGAAACG GGAAAAAACG

74301 TCGTCGTGGT TTTTAAAGGA GTTCTCTCCT TACCCGCAAC CCAAGTCTGC

74351 AAATTAGTAG AGGAATTGAA CTCTAAGGAC TACTCCTACC TCAATATATT

74401 TTCTTGTCAC GGAGATAGTA GTCCTCAGCT TTTATTCCGT AAGGAATTAG

74451 AGGGAACTTC AGGGCGTTAT TTTACAGTGA TTTGCGCTTT ATATCTAGGG

74501 GATACAGACA TGCGTAGTTT ACAACTTGCT TCTGAAAGGA TCATGGTCTC

74551 TAGAGAGTTT GATCTTGTAG ATGCCTATGC TGCAAGATGC AAGCTCTTGA

74601 AAATCGATCA TACAAATTGG AGACCTGGAA CTTTCAGTCG CCACGCCGAT

74651 TTCGCAGATG CTGTAGACGT ATCAGCAGGA TTTAACTCAA GAGAATTTAA

74701 ACTGATTACG CAGGCGAATC AAGGGATCCT AGAGTCTGGA GAACTCCCGC

74751 TCCCTTCAAA AACCTTCTGG GAAGGATTCT TAGCATTCTG TGATCGAGTG

74801 ACTGTCACGA GACACTTCAT TCCAATGTTA GACGCCGCTA TAAAGCAAGC

74851 GGTATGGACT CATAAACATC CCAGCTTGAT AGATAAAGAG TGTGAAGCCC

74901 TAGACTTGAA AACACAGTGC TTGCCATCTA TCGTATCGTA CCTTGAATAT

74951 GTCACAAACT CTCACGAAAA AACATCGAAA GGCCCGTTCA TACAAAAAGA

75001 GATTATCGCA GACTGTTCTC CTCTTAAAGA GGCGCTCTTC CCAGGTTCTG

75051 ATGAAGATGT TCCCTCTACC TCTGAGGATC CTTCAGATGA TCATCCTTCG

75101 GATCTTGAAG ACTCTTAATT AGTTGCGATA GAATTCAATT TTTTATATAA

75151 AAACTATCGT GTTGTTCTTA TTAAAGATA GTTAATTTTC TATCTTTTTT

75201 TAAATCTTTA TATAGCCTGC GTACGCTTTC ATTTTCAATG TTGGTTTGAT

75251 CCTATGGCAT GCTATATTTC TATTTGGATA TCTACAGTTA AGCAGCATTT

75301 TATTAGGGCT TTTGATTTTA CACGTCCTCT TGGTTCTCGG ATTACAAATT

75351 TTGCTTTGGG GGTCATCAAG GCTATTCCCA TTTTAGGATG CGTTGTTATA

75401 GGGGTAAGTT GGCTAGTTTC CACATGTTCT GCACGAAGGT TTGGGAAACC

75451 GGCATTTACT TCTGACGTTG CTAGTATCGT GAAAATAGAA AAAACTCGAG

75501 GTTATAATCC CCTTGCTTGG GTGGAACAGT ACTTGAGACA GCTTAGGGTT

56

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75551   CGACTTCCTG AAGGAGATTT AGGAAAAATC CATGGGAAGG TCTCCAGAGA

75601   TTATGTTTGC GACAGGACTC CCCAAGAAAA TCTGAATATG GTTCCTCATC

75651   AATATCTGGG AGAGCTAGGT CGCGCGTTTT ATGGAATCCG CAACCGAGTA

75701   ACCAAGGCGT ATCAACGAGT CACTCCTCTG GAAGTCCCTT GTCTTACGCT

75751   CGTCGGTTTT GACATTTTAG ATCCCGAAGA TCAGGTGAAT TTCGTTCGTC

75801   TGGCTAACGG CATACAAACT CAGTACCCCC AAACTCAAAT AAAACTTTAT

75851   TTAATCTCTA TCCAAAAGAT ATGGAATCAG TGTGACGGTA CGATTTCTCA

75901   AGAAAAAGAA CAGCAACTCC GCTCTCTAGG TTTGGATGCT AAAATCAAAT

75951   GTGTGTCGGC CCCCGCTCTC CTGCTCCAGA AATATCTTCA ATCCGAGAAC

76001   TTGCCTTCCT GTGATCTTCT CATTAATTAT TACGGGAAAC AACAGTCCGT

76051   CAGAGACGTG GACTCTATAA AGAGTCTACT CAATCTTTCT TCCGAACATA

76101   TCCCTGCGAT TTCTGTAACC TATAGACCTG ACGATCCTTT TTATAGCTAC

76151   TATTTCTTTC CTGGTTCTCA AGGAGGAACG GCACCCGATC AGAGGATCCC

76201   TTGGAGTGAG CAGGAGCATC TTCAAACGTA TACCACCCTG TCTAACCCTA

76251   GATGTGATAG ATATGCTGTT CACTTGGGAA TGGAAGATTT TGCCTCTGGA

76301   GTATTTTTAG ATCCTCTTAG GGTTTCGGCT CCTTTATCTG GAGAGTATTC

76351   CTGCCCCTCA TACCTCTTAG ATTTAAAAAG TGAAGAGCTT CGTTGTTTCT

76401   TGTTATCCGC TTTTTATAGAT CCCAACAATT CTGGTCAGGG AAATCCGCGT

76451   CCTATGTCCA TAAACTTTGG AAACTCTCCT TTGGGTCAGA GGTGGTCTGA

76501   GTTTCTATCT CGTGTTCTAC ATGATGAAAC AGAAAAGCAT GTGGCTGTAG

76551   TCTGCAATAA TCCACAACTT ATAAAAAAGA GTTTTCCCTC ACATTCTTTA

76601   TCTCTATTAG AGAACGAACT GGAAGAGTCA GGTTATTCTT ATTTGAATAT

76651   CGTTTCAGTG AGTCAGGAAC GCACGTGTGT TAAGGAACGT AGAATTTTAA

76701   GTTCTGATCC TTCGGGGAGG TCATTCACTG TAATCCTCAC TGATCTTCCT

76751   GAAGGGAGTT CGGATATCCG CAACTTGCAG CTAGCGTCAG ATAGGATCTT

76801   AGTTTCTAGT GCTCTCGATG CTGCTGATGC CTGTGCTTCT GAATGTAAGA

76851   TCTTAGAATA TGAGGATCCC GAGCAAGAGT GGGCGCAACA GTATGCGTCG
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57

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76901   TTCTATAGAA ACATCGACAG GGCAGGCGAT CTTCAACGTC AGGGGATTCC

76951   AGGAGAGCCT TTAGGGGTCT CAGCATCTAC GAGAGTAGTT TTAGAAAAGG

77001   ACATCGTATT CAATCTCAAT GCGGTAATCC AACAGGCCAT GTGGAAGTTT

77051   AAAAAACGGG ATCTTTTTGC TGTAGAAAGT CAGGCTTTAG GAGATGACAT

77101   GCGACGTGCT TTAGAAGGTT ATATCGGCAG CAGTCTCTTA GTTGAGGGGA

77151   CTATACAGCC TCAAGTCGCA TGTAATGTCA ATGTGAGTTT TGCTACGTTA

77201   GACGAGGCTG TGTGTGCAGC TTGTGACTCA GCTCAAGATG CACCTTCTGA

77251   GGAGAACAAT ACAGATGACT AAAGATCGCA ATCTTGTGAA CGAAATCGCA

77301   GATTGATGGG AACTAATTAG ACACACCTTT CTAAGGTGTT TGTTTTGATG

77351   AACCTTTTTA TTAGTCCAGC AGAGCTCTTT TTTGAAGATT CTTCTTTTTT

77401   CTTAGGTCAT TCTGGGTTTT TTGAAGGTAT CGAGGGTTCT TATTGTCTAG

77451   TTGTCTATAG AGGGTATCGA GGTTTTTTCT CTTAGGTATC CCACGATTCT

77501   TTTGTATAGA AAAATTTTAT GAAAGCTTGA ACTCTTTACA CTGACTTTTT

77551   ATTTTTCAAA TAAAAACGTT TTTAAAAATA TTATTATCAT AATTAGATAC

77601   TTATTTGTTT TAATGTCTTA TTTGATTAAA ATAACTTTGT TAAAATTTTT

77651   ATACATAAAT TTCTATTGTG GCTTGTCCAA GTATTTCTTC TTGGTTTACT

77701   GTCGTTCGAC AGCATTTTGT AAACGCCTTT GATTTCACCC ATCCCGTTTG

77751   TTCTCGGATT ACAAATTTTG CTTTGGGGAT CATTAAGGCA ATTCCCGTAT

77801   TAGGACACAT TGTCATGGGA ATCGAGTGGT TGATTCCTG GATTCCCAGA

77851   CACACCGTTC GTCATGGAAT GTTTACTTCT GATGTCTCTA GTGCTATTAA

77901   AGTAGAACAA ACACGGGGTC ATAATTGTTT AGCTCCCCTA GAAGCCTATT

77951   TAAGTAGCTT GAGAGTCCCC ATTTCCCAAG AAGATCTAGG CAAAGTACAC

78001   GGGAGAACCC CAGAAGATCC CTTCGTAGAT ATCACACCCA CAGAAATTGT

78051   CCAACTTCTC CCTGATGAAG AACTCTCTAC TGTAGATGAG GCACTGCAAG

78101   GCGTTCGTAG TAGGTTAACC TATGCCTATA GGTCCGTAGA GAAACCTATG

78151   ATTCAAGATC TTGCTCTTGT GGGTTTTGGT CTCCGAGATT CTGCGGACCT

78201   CATAAATTTC GTGCGTCTTG CTAATGGCGT GCAGAATCAC TATCCCCATA
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58

78251 CTAAAGTGAA GCTCTATTTA GCGAAGAACT TGGCAGATGT CTGGGACTGT

78301 GAAATTTCTG AAGAGGAAAA AGGGCAACTC CGAGCTCTAG GTTTAGACCC

78351 TAAAATAGAG AGTATATCCC TTACGAGTGC AGGTCTTCCT TCAGTGCCAG

78401 AAGTCGCTAC TGTCGATTTT ATGATTACCT GTTACGGGAA AGATCAGGAA

78451 GTCCAAGATC CCTAGGTGAT ACAACATCTT CTAAACTTTG CTCTAGAAGA

78501 GACCCCTTCC ATTTCCGTGC AATACCAAGA ACAAGAGAAG CTCTCTCCGT

78551 GCGATCATTC CCCAGAAATA GGTAAAAAGA AAAGATGGAA TAAGCTGGAA

78601 TCCTTCTCCA CGTATTGTTC TCTGTTTATG TCTGTTAAGG ATCATTATAA

78651 GCTGAATCTA GGAATTCAGA ATTCCCTGTC AGGGTGGCTT CTGGATCCCT

78701 ATAGGGTTTG CGCGCCTTTA TCTTCACCGT ACTCGTGTCC TTCCTATCTT

78751 TTAGATTTGC AAAACAAAGA GCTACGTCGT TCCCTTCTGT CAACGTTTCT

78801 AGACCCTAAA AATCTCACTA GCGAAACATT CCGTTCTGTC TCTATAAACT

78851 TTGGCAACTC TTCGTTTGGA CAGAGATGGT CAGAGTTTCT ATCTCGTGTT

78901 CTGCACGACG AGAAAGAAAA GCACGTAGCT GTTGTTTGTA ATGATGCAAA

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79001 ACTTAAGAGA ATCAGGGTAT TCGTATCTAA ACATTCTCTC GGTGAGCCCC

79051 GAAGGAGTCT CCAAGGTTCA GGAACGTCAG ATTCTAAGGC GAGATCTCCA

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79151 ATATCCGTAG TTTACAATTA GCCTCGGATA GGATTTTAGT CTCCAGTTCT

79201 CTTGATGCCG CGGATGCATG TGCTTCGGGA TGTAAAGTCT TAGTCTACGA

79251 AAATCCAAAT GCATCCTGGG CTCAGGAATT GGAGAACTTC TACAAACAAG

79301 TTGAGAGAAG AAGGTAGTGT TTCTTTCAGA GAATATTTCA GAGCCTATAT

79351 GTGTGATAAA ATCGTGGCAC AGAAGAACTT CTTATTTACT TTAGACGCTG

79401 TAATTAAACA GGCCGGTTGG AGATCACAAG AGAAACTCAA TTTATTTTAT

79451 GTTGAAAGTC AGGCTTTAGG AAGAGAAATC AAAGTCAGCT TAGAGGAATA

79501 TATTCAGAGT ATGGTCGGGA TTTTGGGATC TCAGAGAACC AAGAAAAGCT

79551 TTAAGTTTTC TGTCGACTTT ACCCCTTTAG AGCAGGCTCT ACAAGAAAGA

59

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79651   GGCAACAGCA TCTCCGACTG ACATGCACGA AGATGAGTAA CGTTTGTCTG

79701   ATACCTTAAA AGTTCCTTGC AAAGGGCTCC CTGAAAACTA AATTCCCTCA

79751   GAATCTCGAA TTCTCCTGAC TCTGAAACAA TCTTAGGTTT TCCTGAATAG

79801   AATCTGACTG AAATTCTGC  TCGAATCTAA GGGCTGTTTC TTATTTTACC

79851   CCTAGATGAG GATATTAAAT CCAAGCTAGG ACTTCAAAAG TAGTTGGTTA

79901   TTAGTTTATT AAAGAAAATA ATACTAAAAA TATTTAAAAG CTGTTTATTC

79951   AATTTAATTG ATATTTTCTA TGTTGTTATT TAAAATTGTT TGTTTCTAAT

80001   TTTATTTTTT TTGTTGTTAT GCCAATTCCC TATATTTCTT CTTGGATTTC

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80151   GTAGGACATA TTGTCATGGG GATGGAGTGG TTAGTTTCTT CCTGTGTTGC

80201   CGGGATTATT ACTAGGTCCT CCTTTACCTC AGATGTCGTT CAGATTGTAA

80251   AGACTGAGAA GGCGTTAGGT CGAGATCATA TATCTCGAGT GGCGGAGATA

80301   TTGCAAAGAG AAAGGGGGAC CATAACTCCT GAGAATCAAG ATAAGGTGCA

80351   TGGGAAGTTT CCTGTCTGTC CTTTTGGTCG TTTAAAATCC GAGGAAACTT

80401   TAAAACTTAA GCCGGGAGAA AGAGAGGGAA CTTTAGATAC TGTATTTTCT

80451   CCGATTCGCA CGCGCGTGAC TCGTGCGTAC TTACAGGCCC CCCGACCCGA

80501   AATACGTACG ATTTCTATTG TGGGTTCGAA ACTTAAAACT CCTCAAGATT

80551   TCTCGCAATT TGTGAGTCTC GCGAATGAAA CGCAGAGACT GCATCCTGAA

80601   GCGTTAGTTT GTCTGTATTT GACAGGCTTG AATCGCGAAT CTCAGATGTG

80651   CGATACAACT ACTGCAGAGA AGAAGCAGTA CCTACATAAC TCAGGTCTCG

80701   ACTCTAGAAT CCAGTGCAAA GACAGTAAAG AAGACGACGC TGGCTCTCCT

80751   GAAAATCCCG AACTTTGGAT TGGCTATTAT TCACGAGAGC AACAGCATAA

80801   TATAGACGGG CAGTATATTC AGCAGTGTCT AGGGAAGAGT GCAGATCCAA

80851   TTCCTTGGAT TCATGTTACT GAAGACACAA AGGATTTTTA TTACCCACCA

80901   AACTTTACTT CATACTCACA TACAAGACAA TCTACAGACC CAACATCGCC
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60

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80951  ACCAAGACTC CCTGAAAGTG AGGGGGATAA GGATTCCTTG TACGGACAAC

81001  TGAGTCGATC GTATCACCAT GAGTATATGC TTGGTTTGGG ATTAAAACCA

81051  GAGGATGCAG GACTCCTGAT GGACCCGGAT AGAATCTATG CTCCTCTATC

81101  CCAAGGGCAT TATTGTCATT CCTACCTTGC GGATATAGAA AATGAGGATC

81151  TACGAACTTT AGTCCTTTCG CCTTTCCTAG ATCCTGGCAA TCTTAGTAGC

81201  GAGGATCTTC GTCCTGTAGC ATTCAATATC GCTAGATTGC CATTAGAATT

81251  GGACTCGTTA TTTTTCCGCC TTGTTGCGGG TCAGCAAGAA GGGAGAAACA

81301  TAGTTACCCT TGCCCACGGA ACTCCTCGTC CAGAAGATCT TGATCCTGAC

81351  TCAATGAACA TTCTGACCAG AAGATTACAA ATGTCTGGAT ATAGCTATTT

81401  GAACATTTTC TCCTATAAAT CACGGAAAAT GATTGTAAAA GAACGTCAGT

81451  TCTTTGGAGA TCGTTCTGAA GGGAAGTCTT TCACATTGAT CTTATTTGAG

81501  GATCCCATTA GTGCAGCAGA TTTCCGTTGT TTGCAGCTAG CTGCAGAAGG

81551  TATGGTTGCT AAGGATCTCC CCAGCGTAGC AGATATTTGT GCCTCTGGAT

81601  GTTCCTGCAT TCAGTTTTCT GAGATGCAGA GTCCTCAGGC TATTGAATAT

81651  AGACAATGGG AGGCACGTGT CGAAGATGAA GCAGGAGAAG AAGCCAGAGA

81701  ACCAGTAATT TATTCTCAGG ATCAATTGAG CAGCATGCTC ACTACACAAC

81751  AGAATTTTGT ATTTTCTCTA GATGCTGTGG TAAAACAGGC GATCTGGAGA

81801  TTCCGTTCGA AAGGTCTTCT TACTATGGAA AGAAAGGCAC TAGGCGAGGA

81851  GTTCTTAACT GCGATATTTT CCTATTTAGG GAGTCAGGAG CGTAATGAGA

81901  ATATGGGGAA AAGAACTACC GAAGAACATG AGGTCGTTAT CAGCTTCGAA

81951  GAGCTAGATC GCATGGTGCA AGTCCTCCCA GCCGAAGTCC CTGCAGATTC

82001  AGGCAATGAT CCTACGCGTC CCGTTCCTAA TCCAGATAGT AACCCTGATT

82051  CCTCGCAAAA TGAAGGCAGT TAGAAAGTAA AAATACTAGA GAAATTTCTT

82101  ATCTCCAGAT GGAATCCGTG GTCCATGTAC CTAGGATTCC AGGAAGGGTT

82151  TGCCTAGGAA TATCTTAATT TCACAAACCC CAGGAGTGCA CAAACTCCTT

82201  AGAGGACTCT CTCTATATTT GTTCTTTCTA CACTAGTATT CCGTAGATTT

82251  CTGATTTCCA GGATAGGATT CTAAATAGTT GTATCTAAGC GCTTTTTACA
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61

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82301  ACCTTTCTCA GGTCTCCTCT TTCTAATTTT AAAAATAGCG AATTTCTTGT

82351  GGCTATAGGA GTCGCTAAGT ATCTTAGAGA TTGCTTTTTT CAAGTTTTTT

82401  TTAAATACTT CTTTCCTAAG TATTTCTTCC TAGTCGTGTT ATGGCTTCTT

82451  GTTTATCTGC CTGGTTTTCT ATAGTTCGTG AGCACTTTTA TCGAGCCTTT

82501  GATTTTTCTT TGCCGTTTTG TGCTCGTATT ACGGAATTTG TATTAGGGGT

82551  CATCAAGGGG ATCCCTGTTG TGGGTCACAT TATTGTTGGG ATAGAGTGGC

82601  TCGTTTCTAG GTATTTAGAG AGTTTCGTGA CCAAGCCGAC ATTTGTCTCT

82651  GATGTGGTGA GTCTTCTGAA AACAGAGAAA GTTGCTGGTC GCGATCACAT

82701  TGCTCGTGTA GTGGAGACTT TGAAGAGGCA GAGAGTCGCT GTGGCTCCTG

82751  AAGATGAGGA TAAGGTCCAT GGGAAGATTC CTGTGCATCC TTTCGGGGGA

82801  ATCCAACCTG TAGAAGTTCT CACTCTCTAT CCCGAAGTTC AAGATGCAAC

82851  GTTAGGGCTT GCCTTCTCTA AAAATTCGTAA TCGTGTAAGA CAGGCGTATT

82901  TGCAAGCTCC ACGGCCAAAA CTGCAGAAGA TTTACATCAT AGGAAACGAT

82951  ATGAATCCTT TTGAAGTTGA CGACTTCTTG CATCTAGCCC GTCTCTGTAA

83001  TGAAACTCAA AGACTCTATC CTGACGCTAC GATTTCTCTA TATCTAACAG

83051  CTTCTGGTGG TCGCAATGCT ATGGACAAAA AGAATCGGAA GTTACTTAGT

83101  GATTGCGAAC TAAACCCCAA GATTGCTTGT TTGGACTTTA ATCAGGGTGA

83151  TGTAGTCAAA CAAGCAACTT GTGACTGTTG GATGGTGTAT CATGGGGAGA

83201  ATGATCAAGG TACGTTGAAT CAGATTCAGG AAGAGTTAGA AAAGTCAGGG

83251  GAGGAAACCC CTTGGATTCA TGTGGGGCAA AAGCCTCTTT CACAATCCTT

83301  GTGGGATTTC TCTCCATTTT CATCTTTGGA GATGAAGGGA GATAAAGAGA

83351  AAGCTCTAGA GTACTCTGAA TTAGAAAAAG AACAGCTATA TTCTCGATTG

83401  GTATACGTAG GAGAGCGCTC TTCGGTTCTT AGTTTGGGGT TTGGAGATAG

83451  TCGGTCAGGG ATCTTGATGG ACCCAAAACG GGTGCATGCT CCCTTATCTG

83501  AAGGGCATTA TTGTCATTCC TACCTTGCAG ACTTAGAAAA TCCCGGGTTA

83551  CAAAAAACAA TTTTAGCGGC ATTTCTGAAT CCTAAGGAGT TGAGCAGTAC

83601  CATACTGCAA CCTATATCTC TAAATCTTAT CTTAAATAGC AAAACTTACT
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83651   TAAGGCAGCA CTTTGGCTTT TTTGAGAGGA TGAGCAGAAG TGATCGCAAT

83701   GTGGTTGTCG TTGTATGTGA TTCTTGGTGG GGTACCGACT GGAAGGAGGA

83751   GCCAAGCTTC CAACACTTTA TTATGGAGCT AGAGTGTCGA GGGTATTCGC

83801   ACTTCAATAT TTTTGCCTTT AGATCTAATA GCATGTGTGT AGAAGAACGT

83851   AGGATCTTAA ATGAAAGTTC TCAAGAGAAA GCCTTTACCA TGATTTTCTG

83901   TGAGGATTCA GTATCTCAAG GAGATATCCG CTGTTTGCAT TTGGCGTCTG

83951   AAGGAATGCT TTGTGGTAAA GAGTGCTATG CTGTCGATGT CTATACGTCA

84001   GGATGCGCGA ACTTTATGAT GGAAGAAGTC TTAACTTTGG AGCGAGAATC

84051   TAATCTGTGG AATAGAAAGC ATGGTCTTTG GAAAAGAGAA GTTAGAAAAC

84101   AGAAACAAGA AGCTGCTTTG GATCAAGACG AGAGCGAGAT TTACGTTTGT

84151   AATCAGCTGA CGGCGCAACA GAACTTCGCT TGTTCTTGAG ATGCTGCAAT

84201   CCGCCAGTCT ATATGGAGAT CCCGTATGCC AGAACTTCTC TCTATTGAGA

84251   GACGGGCGTT AGGGGAACAA CTCTTTACTA CTGTACATCA CTACCTAACA

84301   ACGCAAAAAA AGATCCTCAG GGGAATCTAG AAACGCAGCA ATCCGCGCAA

84351   TTGTCTATAG ATTTCACAGC ATTAGATGAA GCTGTTGAAT CTCTAGGATC

84401   GACTCTTAGC AGAGCTCCTT CAGAAATATC TCCAATTCCA GAGGAGGAAG

84451   CTCACTTAGG AGCCAACAAA TAGAGACAAA GAAAATTCGA CGGTTTGAGG

84501   ATAACGATAC GCAATGTCTA AGCTTTGAAT CAGGATACTC TGCTTTACAG

84551   GCGTGTCTTT GTGCCTATGG TCTCTCTCTC ATAACAGAGT CTCTCAAATC

84601   TAATTGTCAG AACCTATTTC CCCTAAGAAT CGATAACGTA TTTGTTAGGA

84651   AAACGTGCTC AACAAGAGCG TTTTATTTTC AGTGTACTTG ATGTCTAATA

84701   CAAATTGTTT ATTTTGTATT TTTGGCACAT CATTTAAATT CCTTGTACTT

84751   TTGAATCTAA ·ACGTAAATTT CTTATGACTC ATTGCTTACA TGGTTGGTTT

84801   TCTGTAGTTC GTCATCACTT TGTGCAGGCG TTTAATTTCT CACGTCCTTT

84851   ATATTCTCGA ATTACCCACT TCGCTTTAGG GGTGATTAAG GCCATCCCCA

84901   TTGTAGGGCA TCTTGTTATG GGAGTCGATT GGTTGATCTC TCATTGCTTC

84951   GAGAGGGGAG TCTCACACCC TGGGTTCCCT TCAGATATTG CTCCTATACT
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63

85001 GAAAGTAGAA AAGATCGCGG GCCGAGATCA TATTTCTAGA ATCGAAAATC

85051 AGCTAAAGAG CCTTAGGAAA ACTATCGAGG TTGAAGATCT AGATAAAGTC

85101 CACGGGCAAT ATCAAGAGAA TCCTTATGCA GATATGGCCT CTAGTGAGGT

85151 TCTTAAACTC GATAAGGGAG TTCATGTTAG CGAGCTTGGC AAAGCCTTTT

85201 CTAGAGTTCG CAATCGCATC ACCAGATCCT ATAGTTATGC CCCTACTCCT

85251 CAGTTGGACT CTATAGCTAT TGTTGGTATA GATCTCGTCA GTCCTGAAGA

85301 ACAAGAGAAT TTAGTACGCT TGGCGAATGA GGTCATTCAA CTCTATCCCA

85351 AATCAAAGAC AACTCTATAT CTTCTTATCG ATTTTAATAA GGAGTGGGTA

85401 GGGGATATCT CCTCTGATAA GGAAAAACAG CTCCGTTCTC TAGGTCTACA

85451 TTCTGAAGTT CAGTGTCTTT CCGTCTTGGA ACCTCAGGGT GCCGAGGGCG

85501 AAGATACGAA ACACTTTGAC CTTATGGTCG GCTGTTATGG GAAGGATTCT

85551 TACTTAAGGG AGGGTAAAAT TTTACAGCAG GCCCTAGGGA CTTCGTTAGG

85601 TACTGTTCCC TGGGTGAATG TTATGCACAC ATTGCCATCT AGGTATAGAT

85651 CTCGGCTTTC CTTACCTATA AATACCGAAA AGGATAAGAC AGAGCTTTAT

85701 AAAGAGATTT CTCGTACACA CCATCAGTTG CATACTTTGG GAATGGGACT

85751 TGGAGCCCAG GATTCAGGAT TGCTCTTAGA CCGGCAACGA CTCCATGCTC

85801 CTTTATCTCA AGGGTCTCAC TGCCATTCCT ATCTTGCAGA TCTCACCCAT

85851 GAAGAGCTGA AAATTTTGTT ATTTTCAGCA TTTGTGGATG CTAAGAACAT

85901 AAGTAAGAAA GAGCTTCGTG AGGTATCTCT AAATTTTGCT AACGATACTT

85951 CCGTAGAGTG TGGCTGCGCT TTTTACTTTT AGTGTCCTAT GATGAGAAGG

86001 AGAAAGACGT AGTTGTCGTT TGTAATCATT CTGAACCTAA TATCCTCGGC

86051 CTGCCTCCTG AAGCAGTCTC TCAGCTTATT GAAGAGCTTA GCGATGAAGG

86101 CTATAGCTAT CTGAATGTAG TGCGTTGTGA TCTCTCCGGG GAGACTACGG

86151 TTCAACAACG TCTGCTATTG AATGCCGATG AAGGGAGATC TATGACGGTG

86201 GTGATCTCAG AGCTTCCTGA AGGGCACCCC GATATTCGGA ATTTGCAGTT

86251 GGCATCCGAA AGAATTTTTG TTTCTCGTGA AAAAGAAGCT GCTGATGCCT

86301 ATGCTTCAGG ATGTAAAGTG GTCGCTTTCG ATGATGAGCA TCTCCCTTGG

64

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86351  GTCTCCAGTC ATATTGCCTA CGCGGAGGAG ATCAGAGAGA AACAAGAACA

86401  AACAATGCAA GGGTCTTTAA CTGAAGAGCA GTTAGGAGCA CTCCTCTGCA

86451  ACACAGTCTC CACAGAGAAA AATCTAGCCT TTGCTCTAGA CGCCGTGATA

86501  AAACAGTCTG TGTGGAGATT CCGCAATCCG GATCTTTTTG CTTATGAGAG

86551  AGAAGCTCTA GAGGCTTCAG TAACAGATGC TTTAGTATCT TACGTTTCAA

86601  ATTTAGACAT GATACCGTAC ACAAGTTCTC AGGGCATAGT CATAGAAGAT

86651  AGTAGTATCG TCCGTACCTC TCAAGAGCAT ACACTCATTG TGAACTGTGC

86701  AGCATTCGAT AAGTTAGCGA GCCAAATAGA GTTCTTATGC CCCAGTGACG

86751  TGTTGCCCAT TTCTGGTAAA GACCCTTTGA TTTCTGATGA TGAGGATGAG

86801  GAACTGAATC CTAAAGTTTC ATCTGCTGCA GACTCTAAAG ATAAAACCTA

86851  GGGAGTGAAT TCTACACGAG AATCGAGAGG AGAGCGAGTC TTTCAAGGAT

86901  TCATAATCCT TGTTAACGTA TGCATAAACA AGTGAAGCCA TTGCAACGTG

86951  AAGTAATCGC ATTGATGAAA GATGCTTTCC CTAGGGATGC AAAGCAGATC

87001  GTATTCCCTT CTTTCCAAAA CAGACTATAG ATTCAAAAGA TATTCTTTCT

87051  TTTCAAATAG ACTTGAGAGA GGGGGGGGGG TTCTCATAGA GTGAGAATCT

87101  TGGCCTTCAT TGCTAAGTTC TTCGATGATG GATAGAGGAT TCTAAGACGA

87151  CCGGGGCTAC AGAAAACTCT AAGCAGAGCT TAGAGTTTTA AAATGTGGAT

87201  TTTAGTCCTG TAGACACTCG GTGGTTTGTA AATCCATTTT TCCCGTCAAA

87251  GGTATAGTTT AGAAAGGCCT GAGTGTCCTC GGTGAGATCT ACTACATCAT

87301  GGATTTGTAC AAACAAACCG TGGCGGCGTA GATTGCTCCC TGAGATCGAA

87351  GTGCTCTCTT GGTTTGAGAC GACAGTCACA ATATTGTGAG GGTTGACACG

87401  ATAGATATCA GGCTTGTAGG CAAGTTTGAT GGTCAGTGTA GAAGGAGCCT

87451  TCTTAAATGG TGTGAACCAT TGAGAAGAAC ATCCTATCGG TAGGGAAACA

87501  TTGTACCCTT TACCTCTACT AAAGCTACGT TGCAGATCTC CAGTTTCTGT

87551  GAACTTACTT TGCCAACCAC CTAGGAATTC TGCGGAAATA AAACCTGAAA

87601  GATCCCAAGC TTGAGCCAGA GGTCTTGTAA GAAGACACCA GTTTAGGAAA

87651  GGATGTTCTG CAGAAATAAG AACATAGTAA CTATTGTTAT GCCATTGCCC
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87701  TTGAGATTTT GGAGCTTTGT CAGGTCTGAG GTAGGTGGTA TTTAGGTGAT

87751  TTTTGGAATA ACCATAAGCT GCTTTCCAGG AAATTAAGGC CTCGCTCTTT

87801  TGAGTCACGA TAGGGAATTG ACCAAAGAAC GAGAGTAAAT ACATTTGTTC

87851  TGAGCAACGT GAATCGTAGG GGTTGGCGTT AGTTTTTCCA TAAAGCTGCC

87901  CGAAAGAAAG TCCTAACGTA GTGTGGTCCG TGTAGTTCAT AGATAGCGCA

87951  GCTTGGTAGC CTCCATAGCG ACCTGAAAAG CCCTCATGTC CTTGTCTTGG

88001  TGTGTGTTCG ACATAGGCTC CTAAAGCTTT CGCGGTTATG GACAACCCGG

88051  GATGATCTAT CAAAAGAACA TCTTGGAGAA TATCAGAGAA TGCCTGATTT

88101  CCTAAGAAGG AAATCCATAA GCTGTTGCTG ACAATTTCTC CGTAACGCTC

88151  GGGATCTAAG ATATAGGTAG AACGCACGAG AGTGTCTGAA TTCCATACAG

88201  CATAGAGAGT ATTTGCGCTA GGAGAGGGAC CTCCAGGAAA TCCTCCATCA

88251  GGAGCTGGAA TTAACAGGGG ACGGGACCAT GTGTAGGACC ACTTTCCTTG

88301  GTAGCCGTAG TGGCTTGGAG TCGCAATCTC CCCATCAGGA AATCCTGTCT

88351  TAGTAACGGT TGCTCCTTTG AAAACAGCGA TAGGAATTGC TACTGGAGTT

88401  TGTAATGACA CCATATCATA AAGATCTGTA ACGTCATGTT CATCAAGAAC

88451  CAGAGCTCCT GTTAAAGTGA CGTTTTTTGT GCCTGCATTT ACTGATGCTG

88501  AAACAAAATC TCTTTTTAGG AAGGAAAAAG GATCGAATGC TAACTTTCCA

88551  ATCGTAAAGT CTACAGCGGC AGGTGCTCCC GTGGGTGTTG CCAGCCCTAA

88601  GGTTCCTCCA GAGCCCAGGG TAAGCTGACC TGAGCCCTGA GTAGCGAAGC

88651  CAAGAACATT GACAACCGCA TTGTCAGTAA TCTTCAGTTC TCCACTAGCG

88701  ATCTTGACTG TTCCTAGAAG TATAGTTGTC GTGTTGGCAG GCAACAGGAG

88751  TTCTGTAGAG GAGAGTCCCT TACTTGTAAA GACTACAGAT CCTGAAGCGC

88801  CATTAGCGTT GATTGTAATG TCTTTATTAG ACGGACTTGT GGTTGGGAGG

88851  CTATGTGTAA TGGGATCATA AAATACAAGA CGTGAGCCTC CTTGTGCAGA

88901  TAGAGACACA ATCTCTCCCC CTGCTTCTAC AGTGATGGCA TTGCGGATTC

88951  CAGGTTTTGT ATTGAGCATG TTTCCTTGGA ACGCAATATC ACCTTCGGAA

89001  GCCAAAATCG TAAGTGTCGA TGTTTGCTTC GCAGGGTCTC CAACAGAGGG
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89051   GCCTATGAAA ATAGCTCCAC CCTTCTCCGC GCGGTTTCTA GAGAATTCAA

89101   TAGGACCGCG TCCTTGAATA TTGAGCACTT TAGCACAGAT GGCTCCGCCA

89151   TTTCTCGCTG CAGTGTTGCT ATCTAGGAGC AAGGCACCCT GGTTCCCTAC

89201   GATGTTGCAG GTTTCGGCGT AGATCGCACC CGCATCATTT GGTGTACCAT

89251   TATAAGAGAA GGTGCACTTC CCCTGATTGT TTTTTAATTC GAAAGTTCCC

89301   GTAGGGATGC AGATGGCTCC GCCACTTCCT AAAGCATAGG TTCCTGATGA

89351   AGGGGTGACG CCTTTTAAGC TGTTCACACA GGAGTTGGCG GTGAAGATGA

89401   TGCATCCAGA ATTGTTTTCA AAAAGGAGAG AGCTTCCTCC ATAAATCACG

89451   CCGCCTCCTG ACGAAGTAAA GTTATGGGAG AAGCTCATGG TAGCGGTGTT

89501   ATTGATGAAT TTAACGACTG CCGTGGGAGA ACTGCTAATT GCAGAGCCGA

89551   AGTTGGCAAG GTTCCCAAAA AACTTGATCG ATTGGGATAT GTTTTCGACA

89601   GTGAGTGAGT CTGTAGGTTG GAGAGCAGAG GCTCCTGTAG TTACTGTAGT

89651   GATTGCGGGA GTTGCCGACG TAGTTACAGA TGCTGGAGAA TAGGCAACAC

89701   GGTTCGTAGT GAAGATCAAA TCTTTGATAG ATTGGAAAAC AATATCTTTT

89751   CCGTAGATGA GGCCGCCAAG TCCTGTCGAT TGGTTCCCTG TAAAGTTTAT

89801   AGAAGAAAAA TTCTTGAAGG TCAGAGTCTC TGCGGCAGAA AGTAGCGCAT

89851   AGTTACTATT TGTAGGAGCT TGACAAGAGG TAAACGTTAA GGAAAGGCCC

89901   TTCCCTAATA AGGAGAGATT GCTGGAACTA TTGATAAAGG AACTTGAAAA

89951   ACTCGCCCCC AAGAAGTTTG AACAAACAAA ATCTGAAGTG AGTAAGATCT

90001   CTTCACCCTG ATTCGTAATT GGAGGAACAA AGTTCCCTCC GAGTCTAGTC

90051   TCAGCAAACG CGCAACTTGC ACTACATAAA CAGGCAAGTA GACAAAAAGA

90101   TGAAGATTTG AAAGAAAGAG GCATGCCTCA ACCCTGTCGT TAAATAAGGT

90151   TTAAAATCGT AATTTGCTTC CTATATCTAG AGTATATTGA CGGGAGGTTC

90201   TGCGAATATC ACATCCACAG TGCCCGAAGA TCTCTAGAAC ATCATTTACT

90251   GAAGTATGGC TGGATGCTTG TACTAGCAAA GTACTTCTGG TTAGATTATT

90301   CCCTATAGAG GTCCACGTAG CTCCATTAAT AGGTAATGTC GTATCGCAAT

90351   CAGGATTGTG ACGATAGACA TCAGGAGCAT AGGCTACGAT TATAGTGTAA
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67

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90401   AAATCTGGTC GATTATGAGA ATTTTTACCA AAGCGGACGC CTACGGGAAC

90451   TGCAACGTTG AGTAGATGAC CGTGTCCAAA AATCCTCCCC TCGGGGGTAT

90501   TTTCTTGGAT GCCCCCATGA GTCGCGTAAG CAACTTCAGC TTTTACAAAG

90551   GGAATGATCT GCTTGAGGTT TAAGATGCGA GAAGAGAGAG TGATGGGAAG

90601   GTTCCCTTCG AGTTCTCCTA ACCAGCAATT GTTACTCCAA GAGCAGCGCC

90651   CTTTAGGCAA TTTTGTATAT GAAGTCTTTA CTTTCTCATT GCTACGGCTA

90701   TAGGTAACTC GAGAAGTGCC TCCTGAGAAG AATCTCGATG ATCCAAACAG

90751   AGACTTGGTG ATGTTAGAGT ATACTGTAGC GAAATAAACG TTAGAATGAC

90801   CGTGACCTAC GAGGTAATCC TTAGATTTTG TAAACAGCTG TCCAAAACCT

90851   AGACTTAACG CAGCATCTGG AGTGATGCGT GTGTAGGTAT TGATGAGGTA

90901   GCCTCCACCC ATATGGCGGT AGCTGCGTGC ATCACCGGTA TGATTCGCAT

90951   GGAAGAAATT TGTAATTCCT GTGATGCTCA GTTGCTTCCC AGGGACATCT

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91051   TGCCCATAGG CTATTAGGAA TGAGGGGAGC AAGACGCTCC GGATGAGGAA

91101   GATAACCGGT TTTTTTCCAA TTTCCTGTGA CCGTATGGGT TGTCGTGTCT

91151   ATGGTAAACT CCCAAGTTCC TTGATACCCA TAGGGAGATT GCTGATAGCC

91201   GTTTGTGCCG AGACTGAAGT CCGTAGTGGT TACAGTATTT GAAGTCGCTT

91251   TGAGTTCTAA AATCGGAACT TGCTGTAAAT CTTTATTAAA CATCCCGTGG

91301   TTGTCACAGC AATCTTGAGA GTTTTTCACA AGTCCTAAAG TTCCGGATAT

91351   AGTGAGAGCT CCATTGGTAC TCTGCACATT AACGACAGCC GCTTTAGTGC

91401   CATCCAAAGA ATCCAGATTG ATTACAAGCT TGTTTAAGGT GATAGCACCG

91451   TCAGTATTAT TAGCTCCATT TGTAGTTGCT AATGTGGTCC CTGCATCCAT

91501   GATGACGACG GACTTTTCAT CTTGCGTGAA GTTATGAACA TTTAAGGTAG

91551   CACCGTTTCT TAAAGCGAGA GTACCGCCTT CAAGTTCTAG CTTTTGGTTT

91601   AATGTAGATG TAGCATTTGC AGGGGTTGCT GCTTCGGTAG CAGTGAGGGT

91651   TTCTCCTGAA AAGACAATAG TCCCTGAATA CGCACCATCT GCACTGGCTT

91701   TGGGATTGAC GACCACAGTA GCGGCTGCGG ATGCAGCAGA TAAATCATCA
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68

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91751   GATGTAATCG GATCATAGAA GTATAGGGTA TAGCCTTGCG TAGCTCCTAG

91801   AGTGGCAAAC TTGGCATCTT TTCCGAAGTG AATACTATTG CGAGTAGGTG

91851   TCCCACTAGT GATGCTGAGG TTCTTGTTAA AGAGGATATC ACCTTGATTT

91901   GCGGATAGAG AGAGCTCCCC AGATTCGGGA ATAGCAATAG CGCCTCCTTT

91951   TCCAGCTGTA TTTCCAAGAA ATATTGTAGA TTTATTAGAA TCTATAGAGA

92001   TCTTTTTGCC ATAGAGGGCT CCTCCTTGTT CGGAGGCAAT GTTTTCTAGG

92051   AATGTAACGC TGTTTTCTCC AGATATAGTC AGGCTAACAC CTGTTGGTGG

92101   GGGGGTAGCT GGAGGAGTAC AGAAGATGGC GCCTCCATAT CCTAACAAAG

92151   GAGTGACTGC TGGTGGTGTA GGTGGAGGTG TAGGTGCAGG TAAGGAGTTT

92201   TGTGGAGATG CTGTATTGTT TTGGAAAGTC AGGTCGCTGT TATTAGAAAA

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92351   GTAAGGTAAA TAGCCCCACC ATAGATCCCT GTAGCATTCG TTGAGAAAAT

92401   CACAGGAGCG CTATTGTTGA TGAGGTTGAT CGCTGCAGAT CCCGTGAGGG

92451   CCCCTCCATT AGAGATGGAT CCATTACCAT TAAAGAGAAG GCTCTTTTTC

92501   GTATTTTCTA TTGTGATGCT TGTGCCTCGA ATGGCAGCTC CAAATCCTGC

92551   AGAACGGTTG TATTGGAATA GTATGGAGTC ATTGTTTGTA AAGAGCATGG

92601   GCGTTGTAGC GTAAATCGCC GATGCGTGAG GTATGACATT ACTCGCTGAG

92651   GTATCTGAAG TCAAAGATTC ACAGTTATCG AAGATCATCT GACTAAATCC

92701   TGAAAAACTC AAGGGACATA GTTCAGGATT TTGGGTGATT ACACTACTAA

92751   TCGCGGCTCC GTCAGCTGAA GAACGGATAT TTAAGAAGGA GAAAACCCCA

92801   CCTTTTCCTA AGATTTGTAG TGCTCCCGCC CTATTGCTAA AGCAACTGGA

92851   AGAGGTTCTG GATATGGCAT TATCAAGATT CGCAATGTAG AGATCCCCTG

92901   AAAAAATACA GAGTGTCCCT CTAGGATCAG AAAGTGTTGT GTAAGGAAAA

92951   ATCTTCCCAC TCGATCCATC AAAGTTCTCG GAAGGCATGA TAACTTCTAC

93001   AGTAAACGCT GTTGAAGCAA AACATGGCGC CAGTGTGGTA GAAATTAAGA

93051   ACTTACGAAT AGACGTTTTC ATTTGCACGT AGAGATGAAA CCAGATTATC
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69

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93101   CTACAAATAA GGGAAAGGCT GTAAAAAAAC AAGTACAATA AGACACAGTT

93151   TTAATCTCTT AATTTTGACA GCTTTAAGAT TACAGGATAT TTTAAAGGGC

93201   ATTTTCCCAT TTCTTACATT GCTTTCTTAG AAGAATACTT GATAGAAAAT

93251   GGCGATTCTA TTTTTGAAAA ATCTCAAGAA ATTCTCCCAA ACGAAGATGT

93301   TTTAGAGAAC CTGTAAAGTA GAAAATGGCG CTACGCCCGA GACTCGTGAA

93351   CATGTGTGCA TAGAGGGACC TATCTCTGAA TACAGATAGG TCCCAAAATC

93401   TTCTTAAAGG GGATTCCCTT AATTATAGTG TAGACTTAGA GATTATGGCG

93451   TAGAAGTGAT CTCAGGATTC CAAGTGAGGA AAACAGTTTT CTTAGTTGGT

93501   GTGATCCTTC TGTCTTTATC CAGAGAAGGG GGGTACTCTT CCCAGCTTAG

93551   GGACCAGAAA CCTCGAACGG CGTCATTCTC TGTTGTGACT TGGGTTCTCT

93601   CCAAAGTGGT CTCCCCTAGG AGAAGACTGT CAAAAGAAGG CCCTAGAAGT

93651   TCAAGAAGAG GAATCGTAAA GGCTTCCTTA AATTGAGGAA AGTCATAGAC

93701   GGACCAATAA GCCTCAAAGG CAACTTTAAG TTTTTCTAAT GAGACAAGAG

93751   CATCCTTGTC CTCGGCGCGA ATCCTTACAG GAACAAAGTT GTCGGTATCT

93801   TCAATCAGGA TGTGCAGATT CTGAACCCGA GCATCTCCTG AGCAGAGCAG

93851   AGTGGTTCCT GGAGACATAG TAAGCGTAGA GCTTGCTTCC TGCTTAAAAG

93901   AATGCAGTTG CAAGGTAACC CCATCCGATA GAGAGAGAGT TCCTCCTGCT

93951   AATGTGACAT CTTGTAGGAT TGTGGAAGTA AGATTTTCCG CACAAACTTC

94001   ATGATCATCC AGGCATAGTC CTGAGAAGCT AATTGTTCCT TCATAAGTTT

94051   CCTTTCCTTC AGGAGCATTG ATTACAAGAT CTGTAATTTT ATGCGACTCG

94101   CTATGGCTTA TAGGATCATA GAAATAAACT CCGGATTCTG AAACAGCACG

94151   TAGGTTCTTA AACTGTGCTC CAGATTGCAG ATGGATGGAG TTGTGTATTG

94201   TATTTCCGTC TTGTGATGCT GTATTTCCTT TGAAGATGAG ATCTCCGCTT

94251   TTCACGGATA TAGAGATCGA TCCTCCAGGA GCAATGGCAA TGGCTCCTCC

94301   ATTACTATTC ACGTCATGAT AAGCATGATT ATTTTCAAAA CACGAAGGTC

94351   CTCGAGTCGT GAGTGTGAGA TTGTGGGTAG ATATGGCGCC GCCATAACCT

94401   TGGCTCACAT TGTCTCTAAA CACCAGGTAG CGGTTCCCGC TGAGATTTAC
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70

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94451   TGAAGGACGA CTCGCCTTAG AACCTAAAAG GTAGGGAGTA TAAATCGCAG

94501   CTCCACTCCA CGAAGAGTAG TTCCCACAGA AAGTCACTTC CTCACTATTT

94551   TCGATCATCA CGGAACCAAG ACTATAAATC GCTCCTTGTC CTTGAGGTAG

94601   TAGAGGTGCT GAGGTGAACG CTAAGTAAGA AAAATTAGAG AGAGTGAGAG

94651   TGGTGTCTCC AACGCGGTTC GAAATGGCAG CGCCAAAACC CTCGGTCATA

94701   AGGTTGTGAA AAGTGAAGTT GCAACGGTTG CCCATGAAAA AAAGATTCCC

94751   AGATCGATTT ATAAAAACCC CAGCATCTTC TTGATCATGC TTAACGTTGG

94801   AAATCCTCAC GTCATCTAGA AAGATGTAAG AAGTTCCTTC TGGATAACAG

94851   GTAATTTTAG GTTCTAAGCT TTTATTATTG ATAGCACCGT TATAACCATC

94901   ACTTTCATGA AGATATACAA CTTGTGCTGC TGCAGGGAGA GCGAGGAATA

94951   AAGCCGAGCA GGTAAGAAAA TTTCGAAGTA TGGTCATGGT TTCCTCGTTA

95001   AATCAATAAG GTTGAAGCAA CTTTAATAAA CAAGAAAAAA AGAAGTCAAT

95051   AAGAATAGAT TATTGTCTAT TAATTATTTA ACTGTTTTTA AAATAAAATT

95101   ATAACTAGAA ATTATTAAAA GAAATCTTTT TTGAAGAGGG ACAAATGTTA

95151   TTTTTTACAG TTTGCAAGGA AAGCATTCCC TATAGCAAAT ATTTCCCTAA

95201   AAGTATGAGA AAACTCCCTA GAAGAACTAG GGAGTTTTAG CAATCTAGAA

95251   TCGGAGTTTG GTACCAACAT CTACATTGTA GTTCCTTGAA GATCCACGGA

95301   GTTCCATAGC GTAATGTCCG AAGAGCTCAC AATTGGAGTT GTAGACGTAG

95351   TTGTTGCTAC CCCTCAGTAA AAATGCCTGT CTTGAAAGAT TGCCACCGCG

95401   AATTTTCCAA GAGTCTGGGC TCATCACAAG AGTCGCTGTA GATTGGGGAT

95451   TGTTACGATA GACATCGGAA ACAAAGAATC CTGAGAGATC ATAGGTGTAG

95501   GAATCTCCGA TATCCCCCTG CACGAATTTC GCACCCACAG GAATCGAGAG

95551   GTTAAGCAGC CTTCCAATAC TAAAACCACG GCCATCACTA GAGCTTTCGA

95601   AGAAGCTATT TTGTGATACA TAAACCATTT CGACTTTCAT CTGTGGAATG

95651   AAGGTCTTGA AAAGAGGATG TGGGTTGGAA AGAACAAAAG GAAGGTCTAG

95701   GCCGATACCA CCAGCTATAC ACTCGTTGCT CCAAGAACCT TCGGATTCTG

95751   GCAATGAGGT ATAGTGCGTT TCCATACGGT TGTCTGAATG GCTGAACGAA
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71

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95801  ACTTGGACAT CCAAGGCTAG GGGAATTTCC CTAGGGAATT TTTCTATAGC

95851  TGATTCAGAA AACTTTGCTC TTCCTAATCT CAAATAGTTT TGGGGTTGTA

95901  GGGTATGAGA GTGCTTGAAG AATAAAGTTC CACCGTAGGT TCTAGAGTTG

95951  TTGTGAGCGA TAAAACAATC TTTGTCTCTA GCAAAGAGAT GGCAGAACGC

96001  AAAGGTAAAT AGGTCGTCTT TAGGAGTGTG AGCACTTCCA CCGATGACGT

96051  AGCCTCCAGA GGTATGACGG AAGCCTTTGC GATTTTCATC TCCAGTCTTA

96101  TGCAGGAAGT TCGTCATGGA GGAAACCCAG AAACCTTGTT TGTGTTCCAT

96151  ACCAGTTGCG CCGATCTCTA CAAGCTGTTG CAGAGAGCGA ATGTCAGTAA

96201  AGACTCCCCA TAGGGTATTG CATACTAACG CAGATTTTCT TTCGGGGCTG

96251  GGAACAAATC CTGTTTTGGT CCAAGTTGCC GTGGCCTCTT TTGTATTTGT

96301  AGCTGTATCC GTAGTCCAAT TAACATTCCA TTGTCCTTGG AATCCGTATT

96351  CTGAATTAGG ATCCTCAGCA GGAACAGGGA TAAGGCTGCT GATGTCAACG

96401  TTAGTATCAA CATCAGCATC AACCGTGATT TTTAATAGAG AGAAGAGCTG

96451  GTCATGGCTG AACATATGAC TTTCATAAAT GTTCCCTTCA ATATCAATCA

96501  GGTTGAGCTT CCCAGATACG ATCACTTTAT TTGAAGCACC TTTTGCTGTT

96551  AGGCTGACGG GCTGCTTAAG ACCTAAGGAG TCAACATTGA TTCCTAGGTT

96601  CGTGATTGTA ATACTCCCAG CTGTAGTTGA TAATGTCGTT CCTGAATCCA

96651  TGCCGAGGAG AGAACCGGCC TCTTGAGAGA AGCTCGTGCT CTCTAAAGTG

96701  ACTCCCTTTT GTAGCAATAA CTTTCCTCCG GATAGGGAGA CTGGCTGCGT

96751  GAATGAAGAT TTTAAATTGT CAGCAACTTT AAGTTCATCT GCTGTTAGGG

96801  TTTCTCCAGA AAATAGAATC GTTCCTTGAT ATGGATTGAG AGCTCCCGCA

96851  GAGCCGTTAT TTATCTTCAA TACGTCTGAT GAGGTTCCTT CTGAAGTGAT

96901  GGGATCATAG AAGAAAATTG TATGATTTTT AGCAGCCCGT AATTCCGTGA

96951  ATTTCCCGTT ACTTCCTATG TTGATCGCAT TACGTTTAGG AGTATCGGTA

97001  CTTCCGGTTG TTGTAAGGGT ATTTCTTACA AAGGTAATGT TTCCTGTCTC

97051  TGCAGAAAGA CTGAGCTCTC CTGAGGCATC GATGCTGATA GCACCCCCCT

97101  TAGGAGTTGC TGATGAGACA TTATTTCGTA GAAACTCTGT AAAGCCTCCA
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72

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97151  GAGGAAAGGG CTAGCTTTTT AGCATGGATG GCGCCACCGC TTGTTTCTGC

97201  TACGTTTGAA GCAAAGATCA GAGTCTTATT GTTAGAGATT ATCAGTTCAG

97251  GAGATCCACT CGCCTTGGTG TTGCAGATCG CACCGCCAGT AGTTTTCGCT

97301  GCATTCCCTT CAAAATATAG AAATTTGTTG TTCGATAGTA TCGACGTGCC

97351  TTCATCATCG ATAGCGCCTC CTGACGTAGA CGCTATGTTA GATAGGAATC

97401  TAACATAACC TGTGTTATTT GCTATGCGAG CGCCTGCTGT AGTAGCAATT

97451  GCTCCTCCCT TTGTTGATGA AGAGTTGTTA CTAAAAGAG CATCTCCAGA

97501  AGTGCCAGTT AAAAGGAAAG ACGCTCCTTT GATAGCTCCA CCATCTGCAG

97551  TAGAAAAATT CCCAGCAACT ACAAGTTTAC GAATATTTTC TAAATTTACG

97601  CCTCCTGCTG AGGAAAGCGT TCCCTGACCT GTAGTAACCG TTGTGCTAGG

97651  AGAGGAATCA AAACTCAGTA AGGAAAACCC TGAGAAGGTA AGATTCTTAT

97701  TTGCTGTTGT AGATGCAGCA GCACCTGCAT GAGTGCCAGC ATCTATAAAG

97751  CCAAACGTTA AGCTATGACC GTTCCCCAAG AAGGTAAGAT TGTCCGTGGT

97801  TTGCTTAAAA CAACTGTCAG ATAAGGGAGT GCCTTTTCCA GGCTCGTAAA

97851  AGAAGACATC TCCTGTTAGA GAATATGTTG TGGCTGAAGT TTTTGGAGTA

97901  AACGTTCCTG AATCGATATT TCCATTAAAG CTATCATCAG GTGATAAAAG

97951  TTCCTCGTTA GCTAGTGACT GTAGGTGACA TGAGAAAGCT AACACGGAGG

98001  AAACTAAAAC CCAAGGAATC GAAGTCTTCA TGGTAATGCT TTTGTTTTTT

98051  AGAGAACTAT TCGCATCAAT ATAGAAACAA AATAAGTAAA TCAAGTTAAA

98101  GATGACAAAA CAGCTGTCAA GAATTTTTAT CTTGACTCTC TGAGTTTTCT

98151  ATTTTATATG ACGCAAGTAA GAATTAATA ATAAAGTGGG TTTATGAAAT

98201  CGCAATTTTC CTGGTTAGTG CTCTCTTCGA CATTGGCATG TTTTACTAGT

98251  TGTTCCACTG TTTTTGCTGC AACTGCTGAA AATATAGGCC CCTCTGATAG

98301  CTTTGACGGA AGTACTAACA CAGGCACCTA TACTCCTAAA AATACGACTA

98351  CTGGAATAGA CTATACTCTG ACAGGAGATA TAACTCTGCA AAACCTTGGG

98401  GATTCGGCAG CTTTAACGAA GGGTTGTTTT TCTGACACTA CGGAATCTTT

98451  AAGCTTTGCC GGTAAGGGGT ACTCACTTTC TTTTTTAAAT ATTAAGTCTA
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73

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98501   GTGCTGAAGG CGCAGCACTT TCTGTTACAA CTGATAAAAA TCTGTCGCTA

98551   ACAGGATTTT CGAGTCTTAC TTTCTTAGCG GCCCCATCAT CGGTAATCAC

98601   AACCCCCTCA GGAAAAGGTG CAGTTAAATG TGGAGGGGAT CTTACATTTG

98651   ATAACAATGG AACTATTTTA TTTAAACAAG ATTACTGTGA GGAAAATGGC

98701   GGAGCCATTT CTACCAAGAA TCTTTCTTTG AAAAACAGCA CGGGATCGAT

98751   TTCTTTTGAA GGGAATAAAT CGAGCGCAAC AGGGAAAAAA GGTGGGGCTA

98801   TTTGTGCTAC TGGTACTGTA GATATTACAA ATAATACGGC TCCTACCCTC

98851   TTCTCGAACA ATATTGCTGA AGCTGCAGGT GGAGCTATAA ATAGCACAGG

98901   AAACTGTACA ATTACAGGGA ATACGTCTCT TGTATTTTCT GAAAATAGTG

98951   TGACAGCGAC CGCAGGAAAT GGAGGAGCTC TTTCTGGAGA TGCCGATGTT

99001   ACCATATCTG GGAATCAGAG TGTAACTTTC TCAGGAAACC AAGCTGTAGC

99051   TAATGGCGGA GCCATTTATG CTAAGAAGCT TACACTGGCT TCCGGGGGGG

99101   GGGGGGTATC TCCTTTTCTA ACAATATAGT CCAAGGTACC ACTGCAGGTA

99151   ATGGTGGAGC CATTTCTATA CTGGCAGCTG GAGAGTGTAG TCTTTCAGCA

99201   GAAGCAGGGG ACATTACCTT CAATGGGAAT GCCATTGTTG CAACTACACC

99251   ACAAACTACA AAAAGAAATT CTATTGACAT AGGATCTACT GCAAAGATCA

99301   CGAATTTACG TGCAATATCT GGGCATAGCA TCTTTTTCTA CGATCCGATT

99351   ACTGCTAATA CGGCTGCGGA TTCTACAGAT ACTTTAAATC TCAATAAGGC

99401   TGATGCAGGT AATAGTACAG ATTATAGTGG GTCGATTGTT TTTTCTGGTG

99451   AAAAGCTCTC TGAAGATGAA GCAAAAGTTG CAGACAACCT CACTTCTACG

99501   CTGAAGCAGC CTGTAACTCT AACTGCAGGA AATTTAGTAC TTAAACGTGG

99551   TGTCACTCTC GATACGAAAG GCTTTACTCA GACCGCGGGT TCCTCTGTTA

99601   TTATGGATGC GGGCACAACG TTAAAAGCAA GTACAGAGGA GGTCACTTTA

99651   ACAGGTCTTT CCATTCCTGT AGACTCTTTA GGCGAGGGTA AGAAAGTTGT

99701   AATTGCTGCT TCTGCAGCAA GTAAAAATGT AGCCCTTAGT GGTCCGATTC

99751   TTCTTTTGGA TAACCAAGGG AATGCTTATG AAAATCACGA CTTAGGAAAA

99801   ACTCAAGACT TTTCATTTGT GCAGCTCTCT GCTCTGGGTA CTGCAACAAC
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74

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 99851  TACAGATGTT CCAGCGGTTC CTACAGTAGC AACTCCTACG CACTATGGGT

 99901  ATCAAGGTAC TTGGGGAATG ACTTGGGTTG ATGATACCGC AAGCACTCCA

 99951  AAGACTAAGA CAGCGACATT AGCTTGGACC AATACAGGCT ACCTTCCGAA

100001  TCCTGAGCGT CAAGGACCTT TAGTTCCTAA TAGCCTTTGG GGATCTTTTT

100051  CAGACATCCA AGCGATTCAA GGTGTCATAG AGAGAAGTGC TTTGACTCTT

100101  TGTTCAGATC GAGGCTTCTG GGCTGCGGGA GTCGCCAATT TCTTAGATAA

100151  AGATAAGAAA GGGGAAAAAC GCAAATACCG TCATAAATCT GGTGGATATG

100201  CTATCGGAGG TGCAGCGCAA ACTTGTTCTG AAAACTTAAT TAGCTTTGCC

100251  TTTTGCCAAC TCTTTGGTAG CGATAAAGAT TTCTTAGTCG CTAAAAATCA

100301  TACTGATACC TATGCAGGAG CCTTCTATAT CCAACACATT ACAGAATGTA

100351  GTGGGTTCAT AGGTTGTCTC TTAGATAAAC TTCCTGGCTC TTGGAGTCAT

100401  AAACCCCTCG TTTTAGAAGG GCAGCTCGCT TATAGCCACG TCAGTAATGA

100451  TCTGAAGACA AAGTATACTG CGTATCCTGA GGTGAAAGGT TCTTGGGGGA

100501  ATAATGCTTT TAACATGATG TTGGGAGCTT CTTCTCATTC TTATCCTGAA

100551  TACCTGCATT GTTTTGATAC CTATGCTCCA TACATCAAAC TGAATCTGAC

100601  CTATATACGT CAGGACAGCT TCTCGGAGAA AGGTACAGAA GGAAGATCTT

100651  TTGATGACAG CAACCTCTTC AATTTATCTT TGCCTATAGG GGTGAAGTTT

100701  GAGAAGTTCT CTGATTGTAA TGACTTTTCT TATGATCTGA CTTTATCCTA

100751  TGTTCCTGAT CTTATCCGCA ATGATCCCAA ATGCACTACA GCACTTGTAA

100801  TCAGCGGAGC CTCTTGGGAA ACTTATGCCA ATAACTTAGC ACGACAGGCC

100851  TTGCAAGTGC GTGCAGGCAG TCACTACGCC TTCTCTCCTA TGTTTGAAGT

100901  GCTCGGCCAG TTTGTCTTTG AAGTTCGTGG ATCCTCACGG ATTTATAATG

100951  TAGATCTTGG GGGTAAGTTC CAATTCTAGG AGCGTCTCTC ATGTCTCAGA

101001  AATTCTGAGA GAGATCGCAT TTAGGATTTT CTTAAACACG ACTCACCTTG

101051  TTTTTGAACC AGGAGAGATC GGGGATTAAA AAGGCAAGAG GGCAGAGTTC

101101  GTGAGGTCAC GTACTCTGCC TTTCTTGTTA CAAACACGTT TTAAAATTAA

101151  GGAAATTTTT TAATAGAAAC CCGTTCTTTA AAATACGTTT CTTTAATTCT
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75

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101201  TATTGAATAA GATAATTCAC TATTTTTAGA TCCTAAATTT TAAGTGGTTT

101251  TTGTTATGCT TCTTATAGAG AATAGCTGCA AAGATTAGAG TTGCAGAGAC

101301  GGTACGTCTC TTTCTTTTTT AAGGGAAGGG GTGTTGTTAC ACCCATCCTA

101351  AGATTTGTGA GATTCCCCTC AGGCAGTAAC TTTTACAATC GTACTTTATG

101401  TTTTGATCTA GCTGTTTTCT TGTCTTTAAT TTATTCAACC ATCGAGAAGA

101451  GAGATCCATG AGTGGAAATG TATTTTATTA GGATCATCTC TAAGGATGGA

101501  AATGATGAGC CCATTCCAAC AACCTGAGCA ATGTCATTTT GATGTTGTGG

101551  GAAGTTTCTT ACGTCCTGAA AGTCTTACAC GAGCACGCTC TGATTTTGAA

101601  GAAGGAAGAA TTGTCTATGA GCAGATGCGA GTTGTCGAAG ATGCTGCTAT

101651  TCGTAATCTC ATAAAAAAGC AAACAGAAGC AGGTCTTATC TTTTTTACTG

101701  ATGGGGAATT CCGTAGGTAT AGTTGGGATT TCGACTTTAT GTGGGGATTC

101751  CATGGCGTGG ATCGTCGCAG GGACTCTAAT GACCCTGAAA TTGGAGTGTA

101801  TCTTAAAGAT AAAATCTCCG TATCAAAACA TCCGTTTATA GAACATTTCG

101851  AGTTTGTCAA AACTTTTGAG AAGGGAAATG CAAAAGCAAA ACAAACGATT

101901  CCTTCTCCAT CACAATTTTT CCATGAGATG ATTTTTGCTC CTAATCTGAA

101951  AAATACTCGG AAGTTTTATC CTACGAATCA AGAGCTAATT GATGATATTG

102001  TCTTTTATTA TCGCCAAGTC ATCCAAGATC TTTATGCTGC AGGTTGTCGT

102051  AATTTGCAGT TGGACGATTG TGCTTGGTGT CGCCTCTTGG ATATACGAGC

102101  GCCTTCTTGG TATGGTGTTG ATTCTCATGA CAGGTTGCAG GAAATTTTAG

102151  AACAGTTTTT ATGGATCCAT AATTTAGTGA TGAAGGATAG ACCCGAGGAT

102201  CTTTTTGTAA GTCTGCATGT CTGTCGTGGT GATTATCAGG CCGAGTTTTT

102251  CTCTAGACGA GCTTATGATT CTATAGAGGA GCCTTTATTT GCTAAGACCG

102301  ATGTGGATAG TTATCACTAT TATTGGGCTC TTGATGATAA GTATTCAGGA

102351  GGTGCTGAGC CTTTAGCTTA CGTCTCTGGA GAGAAACACG TCTGCTTGGG

102401  ATTGATCTCC AGCAACCATT CTTGTATTGA AGATCGAGAT GCTGTGGTTT

102451  CTCGTATTTA TGAAGCTGCG AGCTACATTC CCTTAGAGAG ACTTTCTTTG

102501  AGCCCGCAAT GTGGGTTTGC TTCTTGTGAG GGAGACCATA GAATGACTGA
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76

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102551  AGAAGAACAG TGGAAGAAGA TCGCCTTTGT GAAAGAGATT GCTAAAGAGA

102601  TCTGGGGATA AAGAATCCGG AGTTTTTATC GACTCTAAGA GTTTTCGGAT

102651  CATAGAAAAC ATTTAAATAT TCAAGAGTCT TTGGCTATTG GATCATAGAC

102701  AGTCTTAGTA TACTAAAAAG TCTTTGGATT CTAAGACGGG CAGAGTTCGT

102751  GAGATCACGT ACTCTGCCCA TTCTTTCTTG TGATCTAGCG ACTTCTTTGA

102801  ATCTTCGACC TCTTGTAATC TGGGATTTTT TCTAGTTCTT AGATTCCTCT

102851  GATCTTTCGA CTTCTCCTCG TCTAAACAAG GCGCATTGTC TTTGAGAAGT

102901  CCCTAGATAC ACTCAGGATC TCTTAGAATT TCTAAGGGAT CAGGAACGCT

102951  TTTAGAACTG GAACTTACCT CCAAGATCTG CATTGTAGCT GCGTGAAGAT

103001  CCACGAATTT CCATAGATAG GTTACTTGTG ACCTCAAGAT TTGGAGAGAA

103051  GGCATAAAAG ATCCCTGCTC TTCCGATACC AGCTTGTCTT GAGAGATTCG

103101  TTCCTGTAGT TTTCCACGAG GTATTGTTGA TTAGGAGAGC TGTCGTGCAG

103151  TCAGGATTCT TACGATAGAC ATCGGCAACG TAGATGACAG TAGCTTCGTA

103201  AGACGCACGC TCGTTTCTCG AGAATCTCTC GAAGGTAATT CCAATAGGCA

103251  CAGAGACGTT AATTAAATCA CCGCTATCGA AAGATCGTAC CAAGGTAGTA

103301  TTACGTTCTT TGAAGCTATC TTGGTGTATG TACGAAGCTT CTACTTTGAT

103351  GAAAGGAAAA TACGCGTGGA AGAGACCCTC ATGGCTTAAA GCAGTGTGTG

103401  GTAGGGAGCT CGCAAGTTCC AGAGCGCAAC CGTCATTATA CCACGAGCTC

103451  TCTCCCTTTG GTGCTTGGGT GTAATAGGTT TTCATAGTAT TTTTACTATA

103501  GATATAGCTG ATCTGAGCAT CAAAGAGGAC AGGCTGCTCA CTTTCAGATC

103551  CAGGAAGGTA GCGTAACAAG CTTGGAGAAG ACAAGGTCGC TAGATGCTGG

103601  AGATGGAGAG AAGCTGCATA GGCAGAAGCT CTATTTTTAT TTATAAAGTG

103651  ATCTCTATCT TTCCCGAATA ATTGGCAGAA GGCTGCAGTG ATAAGATTAT

103701  CAGAAGCTAA TGTTGTAGTC GCTCCTACAA CATAACCTGC ACTTATGTGG

103751  CGAAAACCTT TATTTATCTT CGTGCTATCT TTATGGAAGA AGTTCGAGAT

103801  CCCTTCACAC CAGATGCCGC GAGTTTCTTG AGATTGGCGT ACTTTAGTGG

103851  CTACAAGCTG TTGTATGGAG CGCACATCAA CAAAGGATCC CCATAGCGTG
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77

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103901  TTAGCAACTA AGGTTCCACG ACGCTCAGGA TTCGGATTGT ATCCTGTTTT

103951  TGTCCAGGTA AGAGTCGCTG CTTTGGATTT AGTCGCAGTA TCCTCTTGCC

104001  AAGATAATGC CCAATTCCCT TGGTATCCCC AATGGATAGG ATTTTTTTCT

104051  AGGGGATCAG CAGCTAAGTC TGTGATGTGA ATATTCGCGG GGTCGTCAGC

104101  AGTAAGAGTG AGACAAGAAA AGACTTGAGG GTTATTCCAA GAGACATCTT

104151  CGTAGACATT TCCAGAAGGA TCTACAAGAG AGAGCGATCC AGATAAAGTG

104201  ACTGTCTGAC TTGCTTGTGT TGCTTTTAGC GTAGCCTTCT TGGTCTCTTT

104251  TAAGGAATCT ACATTGAGAA CAAGATTATT GATAGTGATC CCATCAGCGG

104301  TTTCTAATGT GGTCCCTGCA TCCATGAGGA GGGTAGAGCC CGGAGATTGC

104351  GAAAAGGACT TAGCAACTAG AGTGACTCCT GATTTAAGAG AGAGTTGCCC

104401  TCCCGCAAGA GTTAGAGGTT GCTGAATTGT AGATTTGAGA TTATCAGCTT

104451  CTGCAGCTTC TGCTTCCGAG AGCTTCTCTC CAGAAAATAC GATGGTTCCT

104501  TGATATGCAG GATTCCCTGC AAGGTCAGGA CCATTTAAGT TTAGAGCATC

104551  TGAGAGAGCT GCAGTGATGC TAGTTGTTAT AGGATCATAG AAGTAGATAG

104601  TATTGCCTTG AGAGGCTCGC AGCTGTACAA TCTTAGCATT GGTGTTTCCG

104651  ATGTTAATAG AATTTCTGGT AGTGGTCTGA CTCGAAGAAG CTCCTTTGAC

104701  TACTGTGTTT CCTTCAAAAG TGATGTCTCC ACCAAGAGCC GAAAGACTCA

104751  AAGATCCAGA GTCAGCAATC GCAATTGCTC CTCCTAAGGG AGCTGCAGTA

104801  TCTATAGCAG AGTTGTTTTT AAAAAGCGTA GGTCCTCCAG AAGAAAGAAC

104851  TAGATTGTCA GTATAAATCG CCCCACCACT AGTAATTGCT GTATTTCCTA

104901  TAAAGTTCAG TTCCCCGTTG TCTGATAGAG TTAAGACTGG TTTGGGGGCT

104951  GATGTACTAC TACAGTAAAT GGCTCCCCCT GTAGCTGAGG TTGCGGTCAC

105001  ACTATTGTTT ATAAAGCTAA TTGCTTTGTT GCTGCTAATA AAACTGCTAG

105051  CTTCCGTGTA AATGGCTCCG CCATTGTTCG CCGCGGTATT TTCAGAAAAT

105101  GATGCTGAGT TTAACGTATT GTTAATTGTA ATCCCTCCCG TGGAATAGAG

105151  GGCACCCCCT TTTTGCGTTG CTTTGTTTTT GGCAAACGTT AGGTTGGGGT

105201  TTAGCGATAG ACTGATAGAG CTGCCTTGGA GGGCGCCTCC ATTGTCATTA
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78

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105251  GAAAAGTTTT GGCCAAAGTA GCAACTATAG TTCGACTGAA TAGAACAAGC

105301  TCCTGTGGAC TTGATGGCTC CTGTTCCTGT GGTAGCATTC GTGGTTTGTA

105351  TTAGTGACAA ATAGGAGAAT CCTGAAAAGG AGAGAAGCTT ATTTGCAGCT

105401  GTATTGGTAA AGGTACAGTT CGCTCCCGCA TCGATATTTT GTAGGAGAAA

105451  TTGGTAGCCG TGGCCTTGGA AAGAAAGATT CCCAGTAGTT TCTTTAAAGC

105501  AGGAAGCGGT TAGAGCTGTC GGAGATCCTG CATTGGTGAT TGAGACATCC

105551  CCTGTTAGAT TATAGATAGT TCCATCTGCA TTTGTTGTTT GGGCTGGAGG

105601  AGTGTAGGTT CCTGGTCCAG AGAAGCTATT GGTAGGTCCT AGATTGATTT

105651  CAACAACAGC AGCAAACGCA GAGAAATTTA GTGACAAGGG AAGTGCTAAA

105701  GATGACGAGA TTAAAAACCA ATGAAGAGAG GATTTCATGT AGAGGGCTAT

105751  AGGTGGTTTA ACAAATTATT TCACCACATA CTGCAATAAA TTAAAGAAAG

105801  CAAGAGGAAA GGAGAGACTA GTAAGTTAAG AATCTACAGG GTTTTTATAA

105851  GAATTCCTCC CTAAAAGTTT AGGGAGGAAA GTAGGAACTA GAATGAGTAT

105901  CTTAGCCCAC AATCTACATT GTAGATGTGT GCTGAGCCAC GAAGCTCATA

105951  AGCAGCTTCC CCAGAGAGTT CTACATGAGG GGAGAGAGTC AGATGGCTTC

106001  CAGCACTTGC TAAGAAGGCT TGTCGTGCGA GGTTTTTACA TAGCGAAGTC

106051  CAAGAGGCTC CACTGACCAT TAGAGAAGTA CGCGAACGGG GATTTTTACG

106101  ATACACATCA CCAATGTAGG CTAGAGAAAT CTCGAAATTA TTTTTTTCAT

106151  CTTCGGAGAT TTTTTCTAAC CGAATGCCGA CAGGGATAGA GCAGTTCACT

106201  AGGTCTCCAT CATCAAAAGC ACGGGCTTCA GCGCCACTCT CTTTAAAGTT

106251  TTGTTGGCGG CTGTAGACTG CCTGGAACTT TAAGAAGGGG AAATATCCCT

106301  GGAAGAACGG TGCTTCTTTA GGGAGATATA GAGCCAGAGA TCCTCCGAGC

106351  TCTAGAGCCC CAGAGTTATT GGTCCAAGAG CCTTGAGCTT CAGGATAGGA

106401  AGTATAGCGA GTATCCATAT CATTTTTAGT GTAGCTGTAG CTTAGCTGGG

106451  CATTCAAAAT GAGAGGAATA TCTTTCAGCA TGTCGGTGAT ACTTCCAAAT

106501  GAGGGCATGG GAAGTCCTCC TAGGAATGCT CGATGTTGCA GGTATAGCGA

106551  CGCTAAATAG TTATGAGAGG TATTTTCAAC TATAAACAGG TCTTTATCTT
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79

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106601   TACCGAAGAG CTGGCAGAAA GCTACACTGA AGATATTTTC AGAAAAATCT

106651   TCAGCACTTC CTCCAACAAT ATAGCCGTAG CTTTTATGTC GGAATGCTTG

106701   GTTAGTTCCT GATTTATCCT TATGGAAGAA ATTCGCAGTT CCTGATGCCC

106751   AGAGTCCTCG TTGCTGATAG ATACTATTCG CTTGAGATGT CATGATCTGC

106801   TGTAGAGTGC GAATGTCAGT AAAGGATGCC CATAATGAAT CGGGAACTAC

106851   GGAAGCTCTA CGCTCAGGAT TAGGGTTGTA GCCCGTAGTT ACCCAAGTCA

106901   TAGTTCCTGA TTTTGCAGTT GATGTGTCTG CCCAAGTGGC TTCCCAATGT

106951   CCCTGATACC CGTAATGAGG TTCTGGAGTT TGTACTGGAG AAGTGAGAAG

107001   CGCATCGATA TAAATATCGC TAGCAGCAGT AGCAGCAGTG AATACCACCA

107051   AAGGCTGCGT GAAGGCTTGG TTTATCGTAT GGCTTTCATA AAAATTGCCG

107101   CTACTATCTT GGAAAACAAG AGGAGAGGTT AGAGTTATAG TTTTGTTGGC

107151   TCCTGCTGTT TCAATGGACA CACTCTTATT TCCCTCTAAG GCAGAAAGAT

107201   CAACGACAAG TTTGGTAAGA CTGATAGCTT CAGTATCTGC TTTGAGCTTT

107251   GTTCCTGGTT GCATGAGGAG TGTAGAGCCT TCAGTCTGTG TGAAACCATT

107301   GACATCTAAC TCGACATTTC CTTTGAGTGC TAAGGTTCCA GAGGCTAGAG

107351   CCAATGGTTG CTTTAATATA GATGTGAAGT TATCAGCAGC TTTCGCTTCA

107401   TCTGCAGAGA GCTTTTCCCC AGAAAATACA ATCGTTCCTG AATAATCTAA

107451   AGGCGAGTTG CTATCCGGTT GGTTGATGGT CAGAACGTCT GAAGCTCCTG

107501   TGGTGTTAGA TGCAATCGGA TCATAGAAAT AGATAGATTG GCCTTGGGCT

107551   GCCCTTAAGT TCGTAATTTT TGCTGACGAT CCCAGGTAGA TAGCATTCCG

107601   TGTCGATGTT GGCGCGGAGG TTGAGGTTAG AGTGTTGCCA AGGAACGTGA

107651   TGTCTCCTTG ATTTGCAGAG AGACTTAAAG ATCCAGAGTC GGCAATTGCA

107701   ATAGCGCCGC CCTTGCCTGC AGCTGTGTTC CCGCATCTAT TATTTGAAAA

107751   TAGGGTAGGG CCAGCAGCGG AAAGATCTAG ACCATGGGCA CAGATTGCTC

107801   CGCCTTGAGT TACTGAAGAG TTCTCGGCGA AGGTCAGACT TTTATTTCCA

107851   GAGATAGTAA GAGTAGGAGT CTCTCCTGTT TTTTCACAAT AAATGGCCCC

107901   GCCCTTGCCT GCAGCATCTG TTGCAGTGTT TCCAGAGAAG AAAAGGGAGC
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80

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107951  TATTTTGAGT AATCGAGGAG CTGGCTTCAA AGCCCAGAGC CCCACCCCCA

108001  GTTTCTCCTT TATTATTCAT AAAGACTAAC TGGCCGGTGT TTCCTGAAAT

108051  ACTTGCAGCC GCAGAGCTAT AGATCGCTCC ACCTAATTTT TTTGCGCTAT

108101  TACTAGTGAA GGTTATAGAA GAGGTATTCC CAGAAATAGA AAGAGTTTTT

108151  GTGGTGATCG CTCCGCCATT GTTATTAGCT TCATTGGAGA CGTTTTGGCT

108201  AAAGAGAATC GTTCCATTAT CGGTAAGATT TAAGGCTCCT GCAGAACTTA

108251  AAGTACTTTT TCCTGAAGCA ACTGTAGTTC CAGGAGCTGC AATGAAGGAA

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108351  CGCAGCTCCT GCATTCGAAC CCGCATCTAC CGTGTTGAAT GAAAATGAGT

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108451  CCTGTTAATG CTGTGCCTTT CCCAGCATCG TTTATATAGA CATTTCCTGA

108501  TAAGACATAG TTCGTTCCAT TGGCATCTGC TGTAGATTTT GGAGTAAATG

108551  TAGAGCCGCC CGCTCCATCA AAGCTATCTG TAGGGGATAA AGAAGCATCT

108601  GCTCCGTAAG TTGCAATGCT CAATAGAATG GGAGTGACAA GAGTCGAAGA

108651  GATCAGGAGT TTGTGCAAGG GTATTTTCAT AGAAAGATGC TTGGGTTCAA

108701  TTAATTAACA CGTTTTCGAT AATCTAGAAA CAAAACTTAG AGCCTAGGTT

108751  TGTATTATAA TTTCGTGAAG AACTTCGTAC TTCAAAAGCG AATTGACCGA

108801  AGATTTCCAT GTGGGGGTTC ACTTGGAAAT GGTTCGCAGC ACGAACAGAA

108851  AAACCTTGTC GTGCGAGGTT GGTACCATAG GCCATCCAGT TAGCATCGCT

108901  AGCTATTAGG GAAGTTTGAC ATTTAGGATT GCGTCGGTAA GCATCGAGTA

108951  TATACATAAG AGTAAGATCG TAAGTTCCCT TTTCTGATTT TGAGTCTCTT

109001  TCGAAGGTGA CGCCTATAGG AATCTCTACG TTGATAAGCT CGCTTTTATT

109051  GAAAGCGCGT .CCTTCAGCAT GACGCTCGTA GAAGTCTTGC TGATGCGCAT

109101  AGATATACTG TACTTTGACA AAAGGTTCGA CTTCTTTCAG AAGATACGGA

109151  ACGGAAATAA CAAAAGGCAG GCTAGCTCCA AGATCTGCAC AGAAGGCATC

109201  GTTTCTCCAA GAACCCTTGA TGATAGAGTT ATCGGTATAA TATGTCTTCA

109251  TGTGGTTGTC TGTATGGAGA TAACTGAATT TAGCATCGAA CGATAAAGGA
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81

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109301  ATGATCTGGG AGATCTCAGA GAGCACCCAG GGAGCTCGGG TTGCTTTTCC

109351  CCAGAGGAAA TTGGCGATGT CGAAGAGCCC TTCTGTATGG TGGAAATACA

109401  AAGAGGCACC GTAAGTATCT CCGTGGTTCT TACCTGTAAT ATGATTGCGA

109451  TCTCTAGCAA AGAGCTGGCA GAAGGCAAAA GTAAGCTGAT CCTCGGCAGG

109501  AGTTGTTGCT GTGATCCCTA GTGCATAACC CCCGCTGATA TGGCGGAAAC

109551  CATGGCGGGT GGGCATAGAA TCTCTATAGA AGAAATTCGC AATTCCTGAA

109601  AGCCATAGCT CACGCTCAAA AGGCTCCCCA CTGGACTTGG TTTCTATAAG

109651  CTGATTGATC GAGCGTATAT CTATAAAGTT TCCCCATAAG CTATTTAGAG

109701  GGAGATTACT TTTTCTCTCA GGACTAGGAA TGTATCCTGT ACGGGTCCAG

109751  TTGATGCTTC CTATTTTTGA GGATGTTGCA TTTGCCCAAG ACAACTGCCA

109801  GTTTCCTTGA TACCCGTAGT GGGTTTCAGG TTCTTGAAGA GTCAGGGTAG

109851  AAAGAGCTCC CAGAGTAATC GTTCCGTTGG CTCCTGCGGT GGTAAGTTCA

109901  AGAAGAGGAT AGGTACTAGC ACTTTTTAAG TTATGATTCT CATAGAATGA

109951  CCCTTCCGTG TCAATAAGCG CAATCGTTCC CGATAGGCTG ATATTTTTAT

110001  CTGCAGCTTC TGTTTTTAAA GCTGCCTTGT TGGTTCCATC TAAAGAGGAG

110051  AGATTTACTG CTAAGCCATT AAGCGAAAGA TTTGCCTCTT TAGCACTAAG

110101  TGTAGTCCCC CCATCCATTA AGATGCGGGA TCCTGGACTT TGAGTCAGAT

110151  CCTTGAAAGT TACGGTGACT CCATCACGAA GTACAAGATC TCCCCGCGCT

110201  AATACTGCAG GTTGTCGGAT AGTAGAGGTG ACGTTTGCAG CGATTGCTTT

110251  TTCTGTAGGG GAAAGCTTTT CTCCAGAAAA GACAATCGCA CCCCCATACT

110301  CGATCTCACT GTTCGCATCT GCTAAGTTTA AGTTCAATGT GTCGGTAGAA

110351  GCTGCGGTTC CTGGATTTGT GATGGGATCA TAGAAATAGA TAGATTGCCC

110401  CGTAGCAGCT CGTATCGATG TGACTTTAGC GGTATCAATG ATATTTATTG

110451  CGTTTCTTGT ACTTGTGCTT CCGTTGGTGA CTTGGTTGTT ATTGAAGGTA

110501  ATATCTCCAG AAGTAGCAGA GAGAGCGAGT TCCCCAGCAG ATGCTATATT

110551  GATCGCTCCT CCTCCTCCCT GACCGGCGCT ACTTCCTGAG ATATTACTTT

110601  GAAATAGAGT AGGACCTCCA GCGGAAATAC TGACCTTGAG TCCAGAGATG
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82

110651 GCTCCGCCAT ATGTCAATGC TGTATTATTT GTGAAAGAGA GGTTTTTGTT

110701 CCCAGTAAGA GTCACTGTTT TATCTGTCGT AGTGCAACAA ATAGCCCCGC

110751 CCTGAGCTTG AGCGGCTTCC CAAGCACTAT TGCCGTCAAA GATCACTTGA

110801 AAGTTATCTG TAATCGAACA GTTGTCAGTG CTGTACAGAG CACCGCCAGA

110851 TCCTTTCGCT AGGTTTTGAG AGAAGGAAAC TATCCCAGGG CTGTTCTCGA

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110951 GCTTGGTTTC TCGAAAAGCT CGCAAACTGA GATGTCCCTG ATAATAAGAA

111001 GTTTTTCGTA TTGATAACAC CGCCGTTATC TGACGAGAAG TTCTGAGTAA

111051 ATATAATTTG GGAATTGCCA GTTAGAGATA GATTCCCCAC AGATTTTAAA

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111151 GAGTCTAGAA AAATCATTAA AGAGAAGATT CTTATCTGCT GCTGAGGTAC

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111401 ACCGTGAAGG TAGTTCCGTT AGATCCATCA TAGCTATTAT TGCTGCTATC

111451 TAAGGTCACC TCTGCCGCGA CTATAGAGAG CGATGAAAAG AGCGGGATTG

111501 AAGAAAAGAA CAACCAAGAG ACAGAGGACT TCATTTGTAA GCACTTTTTT

111551 GAAACAAGGA AATTAAATTA GCAAATACTG TAAAGAAAAA AAGAAATCAA

111601 GGGAAACGCA AGGAATTGAT TGATGCGGAG AATCAGAACC CCAAGGATGG

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111701 AGGGGATGCC CTCCCCCTCT GATACCCTAC AGTGCGATCT CAATAACGTA

111751 TTCATCTTTA TAAAAAGTAT GTTTTTCTAA GATTCTCGGA GAATCTTAGA

111801 AAGAATAACG AGTTCCACAG TTTGCATTAT AGCTTCTTGA GGAGCTGCGC

111851 AGTTCACAAC TTCCAGAAGC GAAGCAGTCA AGACCATGAA GTAACTTCAG

111901 ATGTCCAGAA GCCTCAGCAA AGAAAGCTTG TCGTGATAAG TTTGTAGCAA

111951 ACGTAGACCA CGAGGTGCCA TTTGTTAAGG AGGTCAGGCA GTGAGGGTGA

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112001  TCCCGGTAAG CATCTACAGC GTAACCTAAA GTAAGAAGCA AAGCACTGGG

112051  GGGCTTTGCT GATTCGTGTT TGAAGGTGAG TCCCATAGGG ATAGACACGT

112101  TGACCAGATG GCTAGCGTCA AAGATACGTG GATCAGCAGC AACCTCTTGG

112151  AATCCTTTTT GATTTACACT CACAACTTGG AGTTTCACAT AGGGAGAGTA

112201  GCTGGTAAGG TATCTGTAGT TTAGATCTAC AGGAAGAGAA CCACCGACTT

112251  CAACAGCGAA GCTATGGCTG TCCCAGTCTG ATTTCCCTTG TGTGTTGTTC

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112351  ATGGAGAACA AGGGGAGTTT CTCCTGGGAG CTCTGGAAGG ACCTTAGAGA

112401  GGACGTGGCG ACGTAATGAG CTATGCAGGG GAATGACATA AGAGCTCTGA

112451  GCACAGAGAG ATCCTGCATA GACTTGAGAT TTAATATCCG AGACTACGTA

112501  ATCCTTAGAT TTGCCAAAGA GTTGGCTGAA TGCAACAGCA AAGGTATATT

112551  CTTGAGGGGT GGTCATGCTG CCACCAACAA TATAACCTCT GGAAATCAAA

112601  CGGAATCCTG CATTTTCCTT TTGCTTGTCT TGATGGAAGG CGTTGCCAAT

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112701  CGATCTCCTG CTGTATAGAA TGGATGTTTA CATAAGCATT CCAAAGGCTA

112751  TTAGGAACTA AAGTCGCACG AAGCTCTGGT TTAGGAGTGT ATCCTAACGC

112801  TTGCCATTCC GCGACCAAAG TCACCTTCCC TCCAGCTCCT ACTTTAGGAA

112851  CCAGAGTCCA ACTCCCTTGA TACCCATAAT CCGGAGCAGC CATGCTAGAA

112901  GGAATCGGAT TGAAGTCGTC TAAATTTACA GTTCCTGAAG TAGAAGAAAG

112951  ATCTAAGAAA GGAAGATTTA AGTTTGCTTT CAACCCAGGA TTGTCATAGA

113001  AACTTCCTTC ATTGTTATGG AATTTCAGAT CCCCTGAGAT TTTTAATCCC

113051  CCACTTGTGC TGTTTACGGC AATCGTTATC ATACGCTTGC CATCTAAAGC

113101  ATCCAGATTT ACAGAGAGAT TCTTTAGATC GATGCTGCCA TCTGTATTGT

113151  TAGTTGTCGT GGTCTCTAAG GTCGTTCCTG CATCCATGAA TACTGTAGAA

113201  TCAGGCTGCT GTGTGAAGGA ATATACTTGT AGGGTGGCTC CTTCTTTTAA

113251  AACGACATTT CCTCCTGCTA AGTTGATCTT CTGGTTCAGT ATGGTGGTAG

113301  TATTTGCAGG AATCGAGGCA TCTTGACTGG GGAGTTTTCC AGAAGAAAAT
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84

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113351  ACTATAGTTC CCGTGTTTGG GTTTGCAGGT GCTACAGGGA CTACAGGCAC

113401  TGAAGCTATA GGACCATTTT TTGGTTGGGG AGGAGGAACA ATAGCTTTGA

113451  CAACAGGATT GATGACTAAC TCCTCTATTG TTCCTCCAGA TGCAGGAGCT

113501  TCCATCGTAA TAGGATCATA AAAATAAATC GTATGACCAG GAGCTGCTGC

113551  AAGCTTAGTG ATCTTAGCCC CTGCACCTAA ATGGATCGAG TTGGGAGTTG

113601  AAGTTCCCTC AGTCGCTCGG TTCCCTGAGA AAGTAATATC CCCATCAATA

113651  GCCTCTAAGG AAAGTTCTCC GCTATCGGCT ATATAAATGG CGCCTCCCTT

113701  GCCTCCAGAA TTATTGGTAA AGGAGACAGG ACCGTTAGCT GTAATCGAAA

113751  GGTTTTTCGA ATAAATCGCT CCTCCCGAAG TTTCAGCAGT ATTGCCATCA

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114051  TATTTCCTTT AGTATGTAGA GCCCCTGCTG TCTTTGCTGT ATTTGTGCTG

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114151  ATAGATCGCT CCTCCTGCAG TTTCGGCAGT ATTGCCATCA AAGGTAAGAG

114201  TCGTGTTTCC ATGCAGAGCA CACTTGGTCG CATAGATCGC ACCGCCACTT

114251  ACTGTTGCAG TATTACCAGA GAGACTCACG TTTTCGTTAT CTTCAATCCA

114301  GAGTCCTTTT TTAGTACTTA CAGATGCTGA CTCAAGAAAC GATAGGATTG

114351  CCCCACCGCA ACCCTCTTGA TTTGCTGAAG AATTACTCGG GCCCGTAGCT

114401  TTGTTCCCTG AAAAGAGCAG GTTGGTATTA CCAGACAGAG AGTTGTTGCC

114451  TTTAGAATAT AAGGCGCCGC CTGTCTTTGC TGTATTTGTG CTGAAGGTCA

114501  CGGTTCCTGT ACTTCCTGTA AGAGTAAAAT CTTCAGTTTC TGTATAGATC

114551  GCCCCTCCTG AAGTTCCAGC AGTATTGCCG TCAAAGGTCA GGGAGCCGTT

114601  TCCAGTTAGA GTACATTTGG TAGCATAGAT CGCACCACCA CTTACTGTTG

114651  CAGCATTACT AGTGAGGCTG ACTTCTTGGT TGTTTGCAAT CGATAGTCCT
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85

114701 GTTTTATCGC TTACGGATCC TGAATCAATA AAGGCTAGGA TTGCCCCACC

114751 GCAACCCTCT TGATTTGCTG AAGAATTACT CGGGCCCGTA GCTTTGTTCC

114801 CTGAAAAGAG CAGGTTGGTA TTTCCAGTCA GCGAGCTGTT TCCTTTAGAA

114851 TATAAGGCGC CGCCTGTCTT TGCTGTATTT GTGCTGAAGG TCACGGTTCC

114901 CGTACTTCCC TTAAGAGAAA AATCTTCAGT TTCTGTATAG ATAGCTCCGC

114951 CACATCCTGC TGTCGCAGTA TTCTGATCGA AGGTAAGAGT TGTGTTTCCA

115001 TCCAGAGTAC ATTTAGTAGC GTAGATCGCT CCACCATTCG CAGTTGTTGT

115051 ATTACTAGTG AAGCTCATTT CTTGATTCTG AGAAATGGCT AATCCAGTTT

115101 TGTCTGTTGC TGTAGCAAGA TAACAACAGA TTGCCCCACC ACAACCTTCC

115151 GGGTTATTTG CCTGTGCTGC TGAGCCGGTT GTTTTATTTT CCTGAAAAAG

115201 TACTTGAGTG TTGCCGGTAA GAGCAAGATT GTCATCAGAG CTCCAAGCAC

115251 CCCCCGTCTT TGCAGTATTA GATTTGAAGG TAACGACTCC TGTATTGGCA

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115351 AGCAGTATTT GAGGAGAAGG TCACCGTTCC TGAGTTTCCT TGGACTGTAG

115401 TGTTTGCTGT ACTACAGAGG GCCCCGCCAT TTTTTGTGCT AGTATTTTGA

115451 TCTAAGAGAG CTGCTGTCGT AGTCTTAGCA AGATCGATGC TGTAGGCAGA

115501 AACTGCAGCT CCATCTTTTT CTGAAGTATT TTTTTGGAGG GTGACACTGG

115551 CATTGTCAGT AAAAGTCGCA GTACCTCCCT CTGTATTTGT CACACAAATA

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115651 TGACGAGAAT CCTGAGAAAG AAAGAGCTGT GTTGGTATTG TTAATTGCAG

115701 CACCATCATG CGTAAGCGCT ATGGTTTGCA GAACCAATGA GTGATCAGCT

115751 CCAACAAAAC TCAATGCTCC TCCTGTGTTT GTAAAACAGC TTTTATCTGC

115801 AGGAGTAATT GCAGATACAT TCGTAATAGA AACATCGCTA GTGAGAGTGT

115851 AGGTAGTTCC TGAAGCATCC GAAGTTTCCT TGGCAGTGAA TGCTGCGCTA

115901 CCACTACTAC CATTTTCATA GTTATCGGAT GATGAGAGAT CCGTGTTAGC

115951 AGCCATTAGT GGATGTAGGG AGAAAACTAA AGCCGAAGAG GTAAGTAGCC

116001 AAGGTAAAGA ATATTTCATG TGTCTTTGGG GAAAAGCTTT TTATCAAAAA

86

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116051   TACTCCCATA GCATGTGGCT TTAGGAGCAT GGTGCACCAA TAGAGAATAC

116101   AGTTAAATAA ATCAAGTAAA TGCTCTGGAG AAGACTCTCA GTTATAGAAG

116151   TTTCAATCTT GGGAGAGAAG CATTTAAGGT ATTTTTCTAT ATTTAAGAGT

116201   CCCTTAAAAC ATAAGGGAAA TGCTTAAGGG TAGGGGAGAA GGTGTACAAG

116251   CGGTTTTGCT TTTAGACCTT CTTGAATTTT AGAAGGAGAG AGTAAGGAAG

116301   ATGGTTATCT AAACCACGGA TCCTTATTTG TTCTTTCTGT GTTTCCGTTT

116351   TTCTCTTTCG TCATAACCGT CAGAGAATGG ATTGGAGGGG CTGAGGTTAG

116401   CCGTGCTTTT TCCGTCTGGA GGCGGAGTTT TAAGAGATTG ATTCGATTTC

116451   CCGCTTTTCT TCTTAGATTG CTGTTTCTGT TCTTCATCTT GATTTTGCTG

116501   TTGCTGCTGT TTATCTTGGC GATCACGAGG GGAACGGCGG GAAGATGAAG

116551   AAACTCGAGG AATTGAGGGT TCTTTTCCTC CCTTAGGGTA GACCGGCTCA

116601   GGGTGTAGAA CCGTCCCCGT GGAGAAATTA GGAGAGCGGG AACTTGCAGG

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116751   ATAGATGCGG GTCGTGTAGA AGCCGCATCT GAGGGTTTTG TTTTAAAACG

116801   TGAGAGGCTG CCGAAGGAGC GTCTATGCTC AGGATTTCGT GACGAATAGA

116851   AGAAAGATCC TTGAGCCTCC CGACCGATCC TACGATGACG GGCATCTTGG

116901   CGTTGTGAAG CTTCGTGTTC CTCCATGCGG GCAGATGCAG AAAGATCTTT

116951   TTTCTTTTCC ACTGCGATTT TTTTTGCATC GTCGGCGGAT GGAGTCACTA

117001   GAATAGGCTC CGCGGTCTCT TGGGTTTTCT TTTCCATCCT CAAGAGGTGT

117051   TCCCTACGGA AATAATCTAA GGTGAGCTTA TTCAAGGACA TGAAGTATAG

117101   CCCCACCGTA ATCAATCCCA TGACAAACAT AGGGTTGGCA AAGACTAACA

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117201   GCTAATACAA TGATAGGAAC GACGATAGCA GTGATTGCCT CACCGATTTT

117251   CTTGGCCTTC GGACTGTCCA GAATATCAGA AATAAGTAGA GTAACTCCCA

117301   AAGCTCCCAG GGCAAGTGCC GGAGCGAGAG CATAAAGCAT AAGGCTGTTT

117351   CCTGAAGCAG TCAGGAGAAT CGAAAGGATC GCAATTGCCG CAAGGGCAAT
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117451  TAATAAATCT TTTGAATAAC CCTGTGGATG ACGTTTTTAA ACGTTTTACC

117501  ACGCTTGGCT GCCCTGATGG GGATGCTGCT GCAGGAACTT GAGGTTGACC

117551  TAAAGGGTTT ATAGGGGGTT GGCTCATACT ATCAACTTAC TGTAATTATC

117601  ATTAGGCCCA TGAATTTTCA TTCATAGGAT ATATTTCATA CTATTATAAG

117651  ATTTAATAGG ATTTAGTTAG TTCTCTTTTC TTCTGAGTCT TAACTTTTTT

117701  ATTAAATAAA GTTTATTTGT TAAAATCTTA ACAGATTTTT AACTAAAACT

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117901  GCTAGTAGTT ACAGACATGA GAAGCCCCAA GGAGATAAAG ACAACTGGAG

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118551  TCGAGATATC ATTCCCAATA GACCAACCGT AAAATCCCTT AATAAAACTT

118601  CCCGGCCAAG GGGTGAGCTT CACGTTAGCT TCGATTTCAC GTCCTTGATA

118651  TTCAAAGATG CCGCGAGAAG AAATTAGGTG ATTTTTGTGA AGTTTTTTTC

118701  GGAATCTTGT AAGGCGGTAA GCAAGCCCTA AGTTACAGAC AGATGTCGAG
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88

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118751  CGGTAATCAA TAGAAAAATT CACAGGATAG ATGCAATTGA GAGTTAGTTG

118801  GTCGGTAGCC TTGTAACTAA CACCTACTAA AGGCCAAGCC TTCTCTTGAT

118851  GGAGGCCTGT TTCATTAATG ACGCCAAAAA TAGCAGAAAG CTTCTCAGTG

118901  GCCTGGTATT TTCCAGAAAG AACTCCTTGA TAGAGTCCAT AACCCATCTC

118951  AATATTTTTA GGATCCACAA GCCCAGAAAG AATGATAGAC CACTGCCAAT

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119051  AAAGAAGTAT CTTGGAAAGT CGCCCACCCA AGTCCATTAG GATCTGTCTC

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119701  GATCGATTCC TTTTTCGCTT CAATTTCATT TAAAATTCTT GTTTTTTCTT

119751  GATTTGTGT TGTCAGCTCT GGAAGATGCA CGCTTTTAAT TGTAGAGAAC

119801  ATCAACCCGT ATCTCTGAAC AAATCCTGAT CCTATAGAGG AAATGTCTTG

119851  AGATATCTCA TCAATCAGTT TTGTTCCTGT CTGCTTATTT TTAAGAGGGA

119901  TTGCTAGAAG AAGAGCAAGA ATCAGTGTGA GTACGATAAT TCCCAAGCCG

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120051  TTGTGGAAAG TTTGGAGCGA AAGGTCTCCC AAGGAGCCGC TGGAATCGGA
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89

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120151  AGAGAGAGGG CTGCTCTCGG GGACTGGTGA TGGGGCTACG GAAGTTGCCA

120201  TGTTGTTTCC TCGAATCGTT GCTAACTAGT TTTGATTTGT CTTTTCATTC

120251  TTGTGAGAAA GCTCAAAACG TTTTTGATAA AGAGTTGATT GCAGTTTGAA

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120351  GAGTGGTTTT TCTCTGTGCA TTGGTTACAA GCTGTAGAGA GGATTCAGGT

120401  CGAATCTTCT CCCTGATAAA TTGTACTGTC GTATGGAGCT GCTGAGGGAG

120451  CTGCCGGATG AATTTAATAA ATCCTACCAA GGCTTGTAGG CAGAGAAGAG

120501  TCAAAATAGT AAGAACAATG CCAACGGCAA TCAACAGAAT GCTTTGGCTA

120551  TAGCAACCCA AACAGATAAT AGCGATTCCA GCAAGAGCTA CAATCACTAA

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121151  TACTCTTTAG GCTACACTCC TAACCCCGAC ATTCTTTGTA ACCGAGAAAT

121201  CAAATTTGAC CTTCTACAAA AGAAAGTCCA GGAACTTGGC GGAGATTACC

121251  TCGCTACAGG GCACTACTGC CGATTAAATA CCGAGCTCCA AGAAACCCAA

121301  CTCCTTAGAG GTTGCGATCC TCAAAAAGAT CAGAGCTATT TTTTATCAGG

121351  AACTCCTAAA AGTGCTCTTC ACAATGTGCT CTTTCCTCTT GGGGAAATGA

121401  ATAAGACTGA AGTTCGTGCG ATTGCAGCTC AAGCAGCTCT TCCCACAGCA
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90

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121451  GAAAAAAAAG ATAGTACAGG CATTTGCTTT ATAGGGAAGC GCCCTTTTAA

121501  AGAGTTCCTA GAGAAGTTTC TTCCCAATAA AACAGGCAAC GTTATCGATT

121551  GGGATACCAA GGAAATTGTA GGGCAACATC AGGGAGCTCA CTATTATACT

121601  ATAGGGCAGC GGCGAGGACT TGATCTTGGA GGATCCGAGA AACCCTGTTA

121651  TGTTGTGGGA AAAAATATAG AGGAAAATAG CATTTATATT GTGAGGGGGG

121701  AAGACCATCC CCAGCTCTAC CTACGGGAAT TAACAGCTAG AGAGCTCAAT

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121851  TCAAGGTGCG ATTTTCACAA CCCGTCAAGG CGGTAACTCC AGGACAAACA

121901  ATAGCGTTTT ATCAAGGAGA TACCTGCCTT GGTAGTGGAG TTATCGACGT

121951  TCCTATGATT CCAAGTGAGG GCTAGGGAGA GCAGCTTCCT GCTCCTCTTC

122001  TTCCCTTTCA AAGGCAACGC GATTTTCAAC CAAGGTTGCT CGTAGCTTGC

122051  GAGCTTCTTG ACGGCAGGAC TCTTTAAGCA AGAGCTCCGC TAGAGGATCT

122101  TCAAGGTACT GCTCAATGAC ACGGCGTAGA GGACGTGCTC CCATTTCTGG

122151  AGAATGCCCC TTCGTTACTA GGAAGGAAAT CACAGAGTCT GGGATGTTCA

122201  AAGCCATTTG GTAGTTTTTC AGTCTCGAGT CCAGTTTGTT GATCTCTAAA

122251  TGGATGATCT CCGATAGAGA TTCTTTCTCG AGGGGACGGA AAATCACACT

122301  TTCATCCAAA CGGTTAATGA ACTCAGGCTT TAAGTGTTTC TTCATAGCAT

122351  GTTCGATTTT CTCTTGGATG ACCTTATAGT CCATATGGGA CTTCAAGCCA

122401  AAACCAATTT CTCCGCTTTT ACGAATGAGA TCAGCTCCCA AATTGGAGGT

122451  CATGATAATA ATGGCATGAC GGAAATCCAC TTTGCGACCA AAAGAATCAG

122501  TAAGACGTCC TTGCTCTAAA ATTTGCAACA TCAGGTCCAT AATGTCTGGG

122551  TGTGCCTTTT CTATCTCATC AAAGAGAACA ACGCAGTAAG GACGGCGACG

122601  TACCTGTTCC GTAAGGTGGC CCCCTTCTTC ATGACCTACA TATCCTGGAG

122651  GTGATCCCAT CATCTTGGTA GCAGCAAATT TCTCCATGTA CTCTGACATG

122701  TCTACCTGAA TCAGAGCGTC TTCACCACCG AACATCTCTA TAGCAATTTG

122751  TTGGGCGAGC AGGCTTTTCC CTACACCGGT AGGCCCAAGG AATAGGAAGG
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122801   AGCCCGTAGG TCGGTTAGGA TCTTTGATCC CTGTTCGAGA ACGTCGGATG

122851   GCACGGCAAA TGCTGGTAAC GGCATCATTT TGACCAATGA CTTTTCTTCT

122901   TAACGTGTCT TCTAACTTCA GAAGCTTCTC ACTTTCAGCT TCTGTGAGCC

122951   TTGCTGAGGG AATTCCTGTT TGTAGAGAAA CTACCTGAGC GACTGCTTCT

123001   TCATCTACAG GAACTTGGTG CTCTTCTTTA TGATTTTCCC ATTCCTGTTT

123051   CATACTTTGC AGACGTTCGC GAAGTTTTTT CTCTTCATCA CGTAAACCTG

123101   CAGCTTTTTC GTATTCTTGA GTTCCAATGG CCTGCTCTTT GGCCAATTTT

123151   GTATTTTCGA TTTCAGCCTC TAGCTTCATT AAATCTGTAG GCTGACCCAT

123201   TGTATTCACA CGGACACGAG CCCCAGCTTC ATCTAAAAGA TCTATTGCTT

123251   TATCAGGGAG GAAACGTCCA TGAACATATT GATCAGAAAG AGTCGCAGCT

123301   GCTTTTAAAG CTTCTTCAGT AATGAAGACA TTGTGATGTT CTTCATACTT

123351   TTTCTTGAGG CCACGTAAAA TCTCAATAGT CTCATCTACA CTAGGAGGGT

123401   GAACCACGAT TTTTTGGAAA CGACGTTCTA AAGCTGCGTC TTTTTCTATG

123451   TGCTTGCGAT ACTCATCTAT CGTAGTTGCT CCAATACACT GAATTTCACC

123501   TCGCGCTAAC GCAGGTTTTA AAATGTTTGA AGCATCGATA GCACCTTCAG

123551   CTGCTCCTGC TCCTACAATC GTGTGGAGCT CGTCAATGAA GAGCAAGATG

123601   TTTCCATGCT TGCGAACTTC ATCCATGACA GCTTTGATCC GTTCCTCAAA

123651   TTGCCCTCGA TATTTTGTTC CAGCAATCAT TAATGCTAGA TCTAGAGTAA

123701   TCAGTCGCTT TTTCCGTAAG GCATCAGGAA CCTCATTCAG AATGATTTTT

123751   TGAGCCAGAC CCTCAACAAT TGCAGTCTTA CCAACTCCAG CTTCTCCAAT

123801   AAGTACAGGA TTGTTTTTTC TTCTTCGGCA AAGAATCAAA ATCAACCGTT

123851   CGACTTCTGA AGAACGACCA ATGACAGGAT CGAGCTTAGA CTCTCGGACC

123901   ATCTCCGTTA AATCATAACC ATATGCTTTC AGAGCAGAAA GCTTTTCGTT

123951   TTTGTCAGAA CCTAAGCTAT GACCTAAAGG AGATTTTGAA GATGAAGGGT

124001   TGCTTCGAGA GGATGAGGAA GAAGACGACG ACGAAGGAGG AAGTTGTAGA

124051   TTGAAGGTCT CTAATTCTCT AAGAATTTCC TTACGAACCT CTCTTGGATC

124101   GATATGTAAG TTTTCTAATA CCTGAAGAGC GACACTATCT GATTGATGTA

92

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124151   GGATCCCTAA GAGTAAATGC TCCGTCCCGA CATAATTGTG CTCTAAAAGG

124201   CTGGCCTCTT CATTTGCTGA TTCAAAAGAT TTTTTTACTC TTCCTGTAAG

124251   GGCAGGGTCT CCGTAGACTT GAATTTCTGG ACCATAACCA ATCAGGCGTT

124301   CCACCTCTTG CCGTGCCGTA TCAAATCTA TACCGAGGTT GCGTAATACA

124351   TTAACAGCTA CCCCTTGACC AAGTTTGAGA AGACCAAGCA GGATGTGCTC

124401   AGTACCCAGG TAGTTATGAT TTAAACGCTG AGCCTCCTTT TTCGCCAGTT

124451   TAATGACTTG TTTTGCTCTA TTAGTGAACT TCTCAAACAT AAAAACCTAA

124501   AAGACAGGGG TAGAACTTTC CTTAAGCATA TACGAAATTT AAAATAATGA

124551   TGCAACTCTT CGCTCTAAAC CAGCAAATTT GGTAAAATTC CTCTGAGTTT

124601   AAGGGAAAGT TATGCACAAA CCTTTTGTAT ATGATACAAT AGTTCAGCTT

124651   CTTTTGAAAC AGTCTTAATT AGTTTTATGT TTGTTATATG AAAGTTCGTA

124701   TCGTAGATTC AGGAAAATCT TCAGCGGCCT CCCACATGGC TAAGGACAGA

124751   GATTTATTAG AATCTCTGCA AGATGGGGAG CTCATTTTAC ACCTTTATGA

124801   GTGGGAGAAT CCTTGTTCTC TGACGTACGG TCACTTTATG CGTCCAGAAA

124851   AATTTTTACT TTCCAACTAT GCGGATCTAG GATTGGACGC CGCAGTGCGG

124901   CCTACGGGAG GGGGATTTGT CTTCCATAAG GGAGATTATG CTTTTTCTGT

124951   TCTTATGTCT GCGACACATC CTTCCTATTC TTCTTCGGTA CTTGAGAACT

125001   ACCATACTGT AAACTCTTTT GTAGCGAAGG TTCTAGAGAA AGTATTTCGG

125051   ATCCAGGGAA TGTTAGCTCC AGAAGACGAA AACTCTTCTT CCAGAGATTC

125101   AGGAAATTTT TGTATGGCAA AAACTTCGAA GTATGACGTT CTTTTTGGGG

125151   ACAAGAAGAT AGGGGGCGCT GCCCAACGCA AGGTGCAACA GGGATTTTTA

125201   CATCAAGGAT CCTTATTCTT ATCGGGAAGT TCTTCTGAGT TTTACCAGAG

125251   ATTTTTAAAA CCCGAGGTTC TTGAAGAAAT TATTGAACAA ATCCAGATTC

125301   ACGCGTTTTT CCCTTTAGGT TTGGAAGCTG CTGATGAAGT GCTGCAGGAG

125351   GCGCGTCAGC AAGTCAAAGA GGCGTTTATT AAATTGTTTT GTGGTGAGGG

125401   GTTATGATGA GTCGGTTGCG TTTTCGCTTG GCAGCTCTTG GAATATTTTT

125451   TATTTTGCTG GTTCCTAATT CTGTTTCAGC AAAGACAATC GTAGCTTCAG
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93

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125551  CAACAGATAT TGGATTGCAT AGATCATGCA AATTTTTATG TAGAACTGTG

125601  TCCCTGCATG ACAGGAGGCC GAACGCTTAA AGAGATGGTA GATCACCTCG

125651  AGGCTCGTAT GGATCTGGTT CCAGAGCTCT GTAGCTATAT CATTATCCAA

125701  CCCACGTTTA CCGATGCTGA AGACCAAAAA TTACTCAAAG CTCTCAAAGA

125751  ACGTCATCCC AACCGGTTTT TCTACGTTTT TACAGGGTGC CCACCCTCAA

125801  CAAGCATCCT CGCTCCTAAT GTCATTGAAA TGCATATCAA ACTTTCTATC

125851  ATCGATGGGA AATATTGTAT TTTAGGTGGT ACCAATTTTG AAGAGTTTAT

125901  GTGCACTCCA GGGGATGAGG TTCCTGAGAA AGTGGATAAC CCACGTTTAT

125951  TTGTCAGTGG AGTGCGTCGG CCCCTAGCAT TTCGTGATCA GGATATCATG

126001  TTGCGTTCTA CAGCATTCGG TTTGCAGCTC AGAGAAGAAT ATCATAAGCA

126051  ATTTGCTATG TGGGACTACT ATGCACATCA TATGTGGTTC ATTGATAATC

126101  CTGAACAGTT TGCAGGCGCC TGTCCTCCAC TGACTTTAGA ACAAGCCGAG

126151  GAGACAGTAT TTCCTGGATT TGACAAACAT GAAGATCTTG TTCTTGTCGA

126201  CTCTTCCAAG ATCAGGATAG TTTTAGGTGG TCCCCACGAT AAGCAACCCA

126251  ATCCTGTGAC TCAAGAATAT TTGAAACTTA TCCAGGGAGC TAGATCTTCT

126301  GTGAAGCTTG CTCACATGTA TTTCATCCCT AAGGACGAGC TTTTAAATGC

126351  TCTTGTCGAC GTTTCTCATA ATCACGGTGT TCATCTGAGT TTAATTACGA

126401  ACGGCTGTCA TGAATTAAGT CCTGCAATTA CAGGACCCTA TGCTTGGGGA

126451  AACCGTATTA ACTATTTCGC CTTGCTCTAT GGGAAACGGT ATCCTCTTTG

126501  GAAAAAATGG TTTTGCGAAA AGCTAAAACC TTATGAGCGG GTTTCTATTT

126551  ATGAGTTTGC TATTTGGGAA ACGCAGTTGC ACAAGAAGTG TATGATTATC

126601  GATGATGAAA TTTTTGTGAT CGGAAGTTAT AATTTTGGAA AGAAAAGTGA

126651  TGCCTTTGAT TACGAAAGTA TTGTAGTTAT CGAATCTCCA GAAGTCGCTG

126701  CAAAAGCTAA CAAAGTCTTC AATAAAGATA TCGGATTGTC GATTCCTGTA

126751  AGTCATGGCG ACATTTTCTC TTGGTATTTC CATTCCGTAC ACCACACTTT

126801  GGGACATTTG CAGCTGACCT ATATGCCAGC CTAGCGTCCC TGGGTGCGAA
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94

126851 TCTACCAACA GGATCTCTTC TGCAGGCTCT GCAGGGATCC TGCCTGGTTT

126901 TTTTCTCTGC TATCGTTTAC ACTACGCTTT TATTGTTTGG GTAGAGGGTG

126951 GACCTTGTTA TCGTTCTTCT ATAAGCATCA AAAAAAATTT ATCGGCATTG

127001 TCATTGCTGT AGTTTGTGTT TCTTGGTATT GGAGTGGGTT GGGGACGATT

127051 CTCTAGAAAA GGTTCTGCAG AGTCCACCTC ACGTCGGACT GTTTTTACTA

127101 CCGCTTCAGG GAAGCGGTAT GTAGAGAAAG ATTTCATGGC TATGAAGAAG

127151 TTCTTTGCTC ACGAAGCGTA TCCATTTACA GGGAACCCTA GAGCTTGGAA

127201 TTTTATCAAT GAGGGGCTAC TTACTGATTA TTTTCTAACG ACAAGGGTGG

127251 GAGAAAAACT CTTTTTAAAA GTGTACCATC CGGGAGAGAA AATTTTTAGT

127301 AAGGAGAAAG CTTACCAGCC GTATCGTCGT TTTGACGCTC CTTTTATTTC

127351 CTCTGAAGAA GTTTGGAAAT CTTCAGCTCC CCAGCTTTTA GAGATCCTGA

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127451 AGAGCCAAGC TCTTTTTAGA AGAGAGAAGG TTCCCTCATT ATGTGCTTCG

127501 ACAAATGTTG GAGTACCGCA GGCAAATGTT TGCTCTTCCC CCAGATGAAG

127551 CCTTATCTCG CGGGAAAGAC TTGCGGTTAT TTGGCTACCA GACGATTCAA

127601 GACTGGTTTG GGGATGCCTA CCTTTCTGCT GCTGTTGAGC TCTTGATCCG

127651 CTTTATTGAC GAGCAGAAAA AAGTACTTCC CAGGCCCTCA AAACAAGAAG

127701 CTCGTGACGA CTTTTATGAT AAGGCGAAGC ATGCCTATAC TAAGATCAGT

127751 AAGAATAAGG AATTTTCCTT AGGATTTGAA GAATTTGTAA ACTCGTATTT

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128051 GATAGTTTGG ATGTTCCTAA TGAGATCCTT CCTATAGCGA CCATAAAAGC

128101 TAAAGAGCCT CGGTTAGTAG GCAGACGGTT TTCTATAGAC TATAAGAGAG

128151 TCGCTTTGCA AGACTTAGCA GCTACTGTAC CTATGGTTGA AGTGCTGCAC

95

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128251  CGTTGAGACG TGTCAGTCGT ATAAAGACTT CCAACATCTT AAGCCTGCGC

128301  TGCGAGATAA AATTTCTCTT TTCACACGCA AGGAAATCTT AAGGGCCCGC

128351  CCTGAGAGAA TTCTGCAATC GCTACAGCAA GTTCCTAAGC AGAGCCAAGA

128401  AGTTCTCTTA TCTGCAGGGA AGAATAGTGC TCTACCAGGA ATATCCGACG

128451  GTCAGCAATT AGCCAAAGTG TTGCTTGAAA ACGAGGTTTT AGATTTATAT

128501  AGCCAGGATG CAGAGACCTA TTATACTATT ATTGTTAATA GTTCTTTTGA

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128601  CACAGTTACT TACTTCTCAT GGTCATCTTG TTGACATGGA GCGTCTAGAA

128651  TCTGCGTTGC GTACACGGTA TCCAGGAGAA GAAGGCGCTA GCCTATGGCA

128701  ACGACGTCTT TGGAAGGTAG TGGAAAACCA CAGATTGGGA AGGCATCTCG

128751  AGGGGTCTTT CTCTTGGAGC TTAGATCGCT CATTGAAGAC TTTTTCCCGA

128801  GGAGACAAGG AGCTGCCCCA AGAGTTTGAT AGGATTTTCT CTATGAAGGT

128851  AGGAGACTAT TCTTCTGTAT TCATGAGTCC TAACGAAGGG CCCTGTTATT

128901  ATCAATGCCT CTCTCATTTA CTGTATGATC GTCCTGCTAG CGTGGATAAA

128951  CTATTTTTAG CTAAAAGTCA GCTAGATGAA GAACTTTTAG GATCCTATAT

129001  GGAACGCTTT ATAGAACAGG GAGTCGTAAG GTGATGTGGT ATTCTGATTA

129051  TCATGTTTGG ATTTTGCCCG TCCATGAGAG GGTGGTGCGC CTCGGGTTAA

129101  CAGAAAAAAT GCAGAAAAAT TTAGGAGCCA TTCTCCATGT GGATTTACCT

129151  TCAGTAGGGA GTCTATGTAA AGAAGGTGAG GTTTTAGTCA TTCTGGAATC

129201  TTCTAAATCT GCTATAGAGG TGTTAAGTCC TGTATCAGGA GAGGTTATCG

129251  ATATCAACCT TGATTTAGTG GATAATCCTC AGAAGATTAA CGAAGCTCCA

129301  GAAGGTGAGG GATGGTTGGC TGTAGTCCGA CTAGACCAGG ACTGGGATCC

129351  TTCTAATCTT TCTTTGATGG ATGAAGAGTA AATTTTTTAT TAGATATACT

129401  CATTTTTTTC AGAAGATAAG AGGTATTTTT TTAAGGCTAA AACATTTAAA

129451  ATTTATGTCT AAGGTTTAAA AAATACATCA GAATTATTCT ATGGATCCAG

129501  CTAGTCCGGT AGCCCCTCAT GTCCTACAAG ATCATGTGCA ACTATCTTCT
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129601   TATAGCCATC ATGGTCCTTT CATTGATAGC GATTTCTTTG GTAGCCTGTG

129651   GCCTATTTTT AACGGGATCG GCACCTCTAC AGCTCTCGAT CTGGATTGCT

129701   GCGAGTTGCA TTACCTTATC TATGTTAGTT TGTGCGTGTT GGCGTTATAA

129751   GATTTCCAAT GCCTTAGAAA AAACTAAGGT AGCGCATGAA AGCTGAGTTG

129801   GACATTTTAT TGATTGAAAA ATCATGACTA CATTACCTAA GTACGTTCCC

129851   CGTTCTCGAC AAAATCCCGA TACTCTGACC TTCCTAAAAC GGTATTCTAG

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130051   AGCTCTTGCT ATTTGTGTTT TACTGACGAT CGTTGTTTAT TGTATCGCAA

130101   GTAAAATCGC CACAGCTTGC AAAAAGCCGC CTTCCATATC TCGAATTGAA

130151   ATTGTTTAGA AGCATCTCTG TGTACAAAAG TTCACTAGAA ACTCGACTCT

130201   AGGAAAGTTC CTAGAGAGAG CGACGCTGCG TTCGTGCTTT AGAAATACTT

130251   GGCTGGTGTT TGGACGAAGA TTCTTTTAGT GGATTGGTCG TGTTTTCAAC

130301   AACTTCAGTC TCTAGAGGAG CTCTTTGAAT CTTTGCTGAA GGTTTAGAAA

130351   TATCAATACC TGTTAAGCTC ATAAAAGCCA TAGCAATGAG GCCTGTTGTA

130401   ATGAAGGAGA TCCCCATTCC CTGGAGGTTT TTGGGAATAT CAGAGTAGGC

130451   GAGTTTTTCT TTGATAGTGG CTAAAATAAC AATAGCGAGC CACCACCCAC

130501   ATCCCGCTCC TAAAGAGAAG ATCATCATAG GAATAAAAGG ATAACTACGT

130551   GTGATTCCGA AGAGCACACC CCCTAGGATC GCGCAGTTCA CAGCAATCAA

130601   GGGAAGGAAG ATCCCTAAGG AGAGATATAG ATTCCTGGAG ACCTTTTCTA

130651   AAAGAAGCTC TAAGATTTGC GTGAATGCCG CAATCACCAC GATGAAAATA

130701   ATCAGCTCCA GAAAACCTAG GTTTACAGAA GCTAAAGATG GAGAGATCCA

130751   AGTTAGAGCT TTAGGGCCCG TGATGAAAGC ATGGACAAAC CAGTTGATGC

130801   TCCCTGTTAC AGTGAGAACA AGGGCTACGG ACATCCCCAA GCCATTGGCT

130851   GTAGAAACCC TAGTAGAGCA AGCAAGGTAA CTACACATCC CCAAGAAATT
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130951  CATTAAGCCA AGTATACGCA CCTAACCACA TAAACTACCT TTTTCTCTTT

131001  TTAGAGTCTC GAATGTTAAC AAGCCAAATC ATAATACCAA GTAGGAAAAA

131051  AGCCGACGGT GCTAGCACCA TAAGACTTAA ATTTTGGTAT CCATCGGGGT

131101  GGGTTTCGGA AGCATAAACA AATTGAGGGA TGATGCGAAA CCCCATAAGA

131151  GTTCCAAAAC CAAAGAGTTC TCTGATGACT CCAATGACAA GTAAGACCCA

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131251  TCACATGCCT AGCTAGACTT TCAGACCTTC CCATCACGAT GCAATTGGTG

131301  ATGATAAGAC CCACAAAAAC AGAAAGTGTT TTGGAAATAT CAAAGAAAAA

131351  AGCTTTTAAA AACTGGTCGA TAACAATCAC AAACAAGCTA ATGATAATTA

131401  GCTGAGTAAT CATTCTCACA CTGTCAGGAG TGAACTTACG TAATAAGGAA

131451  ACAAAGAAAG ACGAGCATCC TGTAACAATG CTGACAGCAA TTCCCATAGT

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131601  CTTTTATAGG ACTTTTTACT TGTCATTCGC CTGTTTTCTT TTCATGGGTT

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131951  CATGCGGTTC CCAATACAGT GTCACCGTCG TTTTTCACTC CTAGATAGCC

132001  ATGGATGGGG .CCCCAAAGGC CGAATCCTGA TATAGGGAAG ATCAAAGCTT

132051  GAACTGTAGA AAGGTCTTTC GCAACGTCGG CTCCTGACAT ATTTTCTGTG

132101  CGAGAGGTAT TCTCTAAAAT GACATAAAAG GGGAGGGGGG ATTGCTGACA

132151  CGGAGGGCTT TCTTGATATT TCTCAAAAAA TTCAATGGGA TTCAGATTTT

132201  TTTCTTCAAA AGAAAATACC TTGCCTTGGG CATCTGTAAG TAGAGGACGG
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132301   TTTTTTTGTA GCAACTTCAA GAAGTTGTGT TTTTTTATCG AAAGTCGCAG

132351   GCACCCACTC TTTTTTTTCC TGAATTTGAA ATCTTCCTTT AAAATCTAAA

132401   ATATGAGCAG CTAAAAGCAT TTGCTTATTG CGATCGAAAG TAGCAGCTTG

132451   TTCCTGTATT GGGGAGAGCA CATAGTAGAT TGTGGATAAC AGCACTCCTG

132501   CAAATAAGCT GAGGCCCAGG ATAAAGGAAA CGATGTACCA GGTTTGGTTT

132551   ATGCGGACGG TATGTTTTGA AGAGCCTTTA GACATATTCT AGACTCCCCT

132601   TTTTCTATAC TTTCTAACAG CAAAATAGTC GATAAGAGGG GCAAATACAT

132651   TGCCCAGAAG GATCGCTAAC ATCACTCCCT CAGGATACGC AGGATTGATA

132701   AGACGAATCA CAATAGTCAT AAATCCTATA AGAATCCGT AAATCCATTT

132751   CCCTAATTTC ATAGTCGGCG ATGATACGGG ATCCGTAGCC ATAAAGACTA

132801   AACCAAAAGC AAGTCCTCCG AGGAAAAGCT GCCGATAGGC GGGAATGAAG

132851   AATCGAGCAG GTGCCCAAGC TCCGTTTTGT CCCACGATGA GTACGCTGAT

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132951   TGGTTCTCCA AGAGGCAATG CCTGTAACAA TAAGGAATAT TGCACCCAAC

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133101   TAGCATAGGC AGAATCGAAC TGTGTGGGAA GCAGCCCCAA TCCTCCCTCA

133151   GCAACAGGAG CTGTAACAAA CGTTTGAAGT TGTGTAAGAG TGAGATTATC

133201   TAAAACCCAA CCAGGATGCG TCTCTGTCCA AAGAGAAAAT TGTGAGTGAA

133251   TGACATCTTG AGTAGGGACG TGAGGAATGT GAAGCATATT TGCAGCAATC

133301   GCATCGACAT GCAGACGCTT TACAGAGGGA GGTGTCGAAT TTAGAGTTTG

133351   TAGGCAGGTA GACTGTGAAA ATCCATCAAT GAGTACTTTT CCTGTCGAGG

133401   AGTTCATCTT CATGAGGCTA TCTTTAATCA CTCCGGGGTT GCTTCCTACC

133451   CAAACGTCAC CACTCATCTT TGCTGGAAAC GTAAAAAATA AGAATGCCCT

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133551   CTTTACTGAC AACAATACCA AAGGCGATCC CTAAGGCTGC CATCCAGTAA
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133701  TACCCCCGAC AACATAGCTA ATCGTAAGTA GAGGAATAAA GATCTTAAGT

133751  CCTTCCCAAA GGATAGGAAC TATATGGATC TCTTTGTAAA CAAAGGATAA

133801  ATAACTACCA AATCCAGAAA TATGTAAGAA TTGCTCCATC AGCACAGGAT

133851  TGCCTGAGCT ATAAACGATA GATTGAAGTC CTGAATTCCA GATCGCAACA

133901  AAGGTCGCGG GAAACAAAGC GATAACAACA AGCATCATCC AACGCTTAAC

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134101  TGTGATTGAG AGAAAAGTTG AAGCTTCTAC ACGTTCAAAA ACGTAGCAAA

134151  CTGCTTAAAA TTTTAGGAAT AAAAATTTTC ATGATTCAAA AATAGATGGT

134201  ACTTTTTTCG TTGCTGTTTC CAAAGTTATG TTATGGCTGT CAAGCTCCAG

134251  GAGCCTACTT TTGTTCCAAC TGCTTGGAAA AACTTCTCGT AGAAGATAGA

134301  GAAGGGCGTT GTCTACATTG TTTTCGTTAT CTTGGTTCTT CCGAAACACG

134351  TCTATGTAGC CAGTGTTCAC CCTCTTCACA ACTTCAAGCT TTCAGCTTGT

134401  ACCTTCCTTC GCAAACGGCC CTCTCGGTAT ATGCTCGTGC TTGTGAAGGT

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134501  TTCACTGGAT GAGACTCCGA GTTGTATTGC CTATATAACA TCGACAATTT

134551  CTAGGAAAAT CGTAGTAGAA GTTGCTAAAC TAGAAAAGCT TTTACGCATT

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134701  TGCAAACTAT CGTTGGAGGG AGTGCATCAC CTCTAGTATC TATAAGTCTC

134751  TTTCTCTCTC AGAATGATCA GTAATTCCTG CAATTGCAAG GTAACCAAGA

134801  ATACGTACGC CCTCATCAAC ACACAACGTG TTCGCTTGGA TGTCTCCTTT

134851  AATGATTGCG CCTCCACGGA GTTCGACTTT TCCAGATACT GTGATATTTC

134901  CTTCTACAAC CCCTTCAATA ATGGCTTCTT GTAGCTGAAT ATCTGCCTTT
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100

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134951  ACCACTCCTT TAGGACCGAT AATAATTTTT CCTTTTGAGA CTAAAATGCC

135001  TTCAAAAGTT CCGTCAATAC GTAGGAGACG TTCAAAAGCA AGTTCTCCTT

135051  TAAAGGTGAC GCCTTCTCCT AAGGTAGTTT CAGGTTCTTC AAGAGGGAGT

135101  AGAGATTCTG TTCTTGGAGT TGAGGACCAT TGAGGAAGAG AAGATTCTTC

135151  AGTTAAATTG TGATTCAAAG GGCGAGCTTC CGAAGCTTTA GGGTTGTCAA

135201  AAAGACTTGG AGGGGTCTCT GGGCGCTCGG ATCTTGAATA TGGCGAGTAG

135251  CTGGAAGGTG AAGAAGTTTC TTCTTCGTAA AGTGTTTGCA CATCTTCAAA

135301  AGGACCTTTT CCTGTTCTAC GGAACATGGG ACACCCCCTA AATTAACCAA

135351  CAATATGATT TTTACAGAGA TTTACTTGAC GCTTAAGAGT TTCGTCATTT

135401  TGTAATTTAT GTTCTATAGT TTTACAGGCA TAAAGTACTG TCGAATGAGT

135451  TTTACCAAAA GCAGCTCCTA TTGCAACTAA AGAATCTGTA ATAAGAGTTT

135501  TTGCTAAATA CATAGCAATT TGCCGAGCTA ACACAAGATC TTTAGAGCGT

135551  GAGTTTCCCT TAAGATCATT CAGCTTTACT TGGAATACTG TAGCAACACT

135601  TTTTAAGATC GTTTCTACAG AAATTTTTTG TTTTGTTGGA GAACGGAAGA

135651  GCTCTTTTAG AGTTTCTCGG ACTGTAGTTT CTGTAAGAGA CTTGCCGAAA

135701  AGACGACAAT AGGCAGTCAG CTTGTTGATA GCTCCTTCCA ATTGACGGAC

135751  ATTGCCATAG ATGTGATCCG CAATATAAAA TGCCATTTCA TTAGGAATGA

135801  GCAATCCTTT TTGCTCCGCC TTGTGCTGTA AAATCGCAAC CCGAGTTTCT

135851  AAATCAGGGA TGCCGACGTG AGCAACCAGT CCCCATTCCA TTCTAGCAAT

135901  GATACGCTCG GAAAGTTTGA GCTGACTTGG AGGTTTATCA CTGGTAATTA

135951  CAATTTGCTT ACTCAGGTTG ATCAAAGTCT CAAAGGTATT GCAAAACTCT

136001  TCTTCAAAAT TTTGGCGATT CTGTAAAAAT TGAATATCAT CAACAAGAAG

136051  TAAATCTAGG GAACGATAAA AATTTTTCAT TTTATCAACA GACTTGGATT

136101  TGAGATGGTA GACAAGATCG TTGATAAACG CTTCTGTAGT GATGCAATGG

136151  ATGCGTAGAT TTTTATGATG TTCTCTTACG TAGTGACCTA CGGCATGAAG

136201  TAAATGCGTT TTGCCTAATC CCACACCCCC ATGGATGAAT AAAGGGTTGT

136251  AGGAGCGGCC AGGTTTCCCA GCAATACCTA CAGCTGCAGA CTTCACAAAT
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136301  TGATTTGAGG GACCTTCAAT GAAATTATCA AAGCGATAGG AGAGATTCAG

136351  CTTTAATTCA AAATCTTTAG TTTCTTCAAA GACCTCAGAA ATTCCTTCGT

136401  TTGATTCTTT TTGAGAAGCC ACGGGGGCTG AAGGTTTCTT GTGTTCTGCA

136451  ACTACAAATT CTAAAGCAGG CTCTCCATGA ACATCTAAGG GGACAAAAGA

136501  ACAGAGGTCT CTTTTGTAGT TATCAAGAAG ATAATTTTGT ACAAAAATGT

136551  TGGGGACTTC TAAGCGAATT TTCTCTTGAG TTTCTTCAAG AACTTGAATA

136601  GGAGAAATCC AATTTTCAAA AGCCGTTTTC GAGCAACGTG TCTTAACATA

136651  ATTTAAAAAC TGTTCCCAAG TAGTGCACTC GTTACAGGTT AACATGCCGC

136701  TCTCTTTATT TATAAAGCTT TCCCAAATAC AATCGACCCA TCCCATGAGT

136751  GATGGCGAGA AAATCTCATT GCATCTTGAC TATTCATTGC ACTGAGTGCA

136801  ATGACTCTTC GCGTTCAGAT TGGATCCTGC ATTCCCTGGG TGAAGTTCCT

136851  GTTAGGAATG GATCCTATAC ACCCTTCCTC CGCAGGTAAA CGCGGTACGC

136901  TCTGCCGATA AAATAACTCT ACCGATTACT AGGTTTTAAG GCAAATTGGA

136951  TCGTTGGTTT CGTTAGGCAA TAAGGAACCA CAAATTCAGG AAAAAATAAT

137001  TATGAAATTT TGTAATAAAA ATGGAAAAAG AACTAAAGAA ATCCGGAGTT

137051  CTTCAATCAC GAAATACGTT TTCTATAGGA GAAAAAATTA ACGAACTAAC

137101  GCAGCATTTT TTTTGGTTGC TTTACTATAA CTCATCAATA GAGCTTCAGC

137151  ATCATTAGCA ATTGCTGGTA TGGGACAGGA TGAAAGGTAG GTGGCAATGG

137201  CAGTAGCTTC TTCAATTCGT CCCAAACAGA AGAGAGCTTT TGTTTTATTT

137251  AAGAGTGTAG GCAGATGATC TCCTTGCATG CGGAGTGCCT GATCTAAAAC

137301  AGCAAGCGCC TGACTATTTT CACCAATTTG GAGATAAAGA CCTCCAAGAG

137351  TTTGATGATC ATAGATACTT AAAGGATCTA AGATCACTAG AGCTTCAAAA

137401  AAAAGAATCG CTTTTGAATA ATGCCCTTGG CGTAGAAAAG AATATCCTGA

137451  GATTCTGAGT TCTTCTAACT CATCATCTCC CCAGCCTAAG ATTGCTTTCC

137501  ATTCATTATC CAACATACAT TATCCTTGAA CAAATTGAAA GATACGAGAG

137551  ATCACATAGT CTATCATCAC ATTTGTAGAC TTGACTCCAA GATCTAGAGC

137601  TTTTAAGAGC ACTTTCCCTT GTTGTACTCT AGGATCGTCA TCGTCTTCTT
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102

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137651  CAGGATCTTC GTCTTCCTCT TCTTCTTTAT CTTTGTAAGA CAAAAAGGGA

137701  GTAATTTGAC TGCGATAGGA AAACTTCCCT CGAGTGAGAA CTTTTAAAAA

137751  TGAGGAGATT TTTTCTATGT CTTCATCTTG TTGGTCTGGA GATCCTAAAG

137801  AAGGTGCCAG GTAGGGTGTG GAAAAACGCT GTTTGTAAAA ATTATTTGGA

137851  GGGGAAAAAC ATGCCCAGTG CGACTTTTGA TTTGTCTGTA AAAGAGACGT

137901  CAAAGCCGAA GGCTTGGGGT TCATATCCAA AATTTGCGCA TGCTTGGCAA

137951  CATCACGAAT GGAGATGCCT TCCATCTGGA TTTCTTTGCG AAAGTCGCTG

138001  ACTATCCTAT TATTGGAAGC ATGTTGCTCA TATATAGACG TGCTATAATT

138051  AAAAATTTCT ACCATGGCGA GGCCTTAAAA AACCGTCTCT ATCTCTAGAT

138101  GATAGTGCGG TCTAGGAAAA AGTCAATAGT CTTGATCAGA AGCCTGAACC

138151  TTTTCTCCTT ATCGAAGGCA CTTAAGAAAA AAGCTCACCC CTATCAAAAA

138201  ATTTAGAGTG GCGAACTAGC GAGAATTTAA GATAAGGGAA GGCTTTCTTC

138251  TTTCTATGGA ATCCTGTATC TTTGTCCTTA TTTGAAGCCA AGAGCTTAGG

138301  AAATTCTTAT GTCCGAACGT GCGCATATTC CCGTATTAGT TGAAGAATGT

138351  TTAGCTTTAT TTGCTCAACG TCCTCCACAG ACTTTTCGAG ATGTCACCTT

138401  AGGAGCTGGA GGACATGCGT ATGCTTTTCT TGAGGCGTAT CCCTCTCTAA

138451  CTTGTTATGA TGGCTCCGAT CGAGATCTTC AGGCTTTGGC AATTGCAGAA

138501  AAACGTTTGG AGACCTTTCA AGATAGAGTC TCCTTTTCCC ACGCCTCTTT

138551  TGAAGATCTT GCGAACCAAC CCACTCCACG TCTTTATGAC GGAGTTCTTG

138601  CAGATTTAGG AGTCTCTTCT ATGCAGCTGG ATACTCTATC CCGAGGGTTT

138651  AGCTTTCAAG GGGAAAAAGA AGAGTTGGAT ATGCGTATGG ATCAAACGCA

138701  AGAGCTTTCC GCTAGCGATG TCCTGAACTC CCTAAAAGAA GAAGAACTAG

138751  GGAGAATTTT TCGTGAATAT GGAGAGGAAC CACAATGGAA ATCTGCAGCT

138801  AAAGCTGTTG TCCATTTTCG TAAGCATAAA AAAATTCTTT CGATCCAGGA

138851  TGTAAAAGAA GCTCTTCTTG GCGTTTTCCC TCACTATCGT TTTCATAGAA

138901  AAATACATCC ACTCACCTTG ATTTTTCAAG CTCTACGTGT TTATGTGAAT

138951  GGAGAGGATA GACAATTGAA AAGTTTACTA ACATCTGCTA TATCTTGGCT
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103

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139001  GGCTCCTCAG GGACGGCTTG TCATTATTTC TTTTTGTAGC TCTGAGGATC

139051  GTCCTGTGAA GTGGTTTTTT AAAGAGGCGG AAGCTTCTGG CCTGGGGAAG

139101  GTAATCACAA AGAAAGTGAT CCAACCTACC TACCAAGAAG TACGAAGAAA

139151  TCCTAGATCG AGATCAGCAA AACTACGGTG TTTTGAAAAA GCTTCCCAAT

139201  GAACAAAAGT CGTTTTTTAC GTTTATGCTG CTGTCTATGC TTTTGTGGAA

139251  GTCTCTTTTA TTTCTATATT AATAAGCAGA ACTCGCTGAC GAAATTACGC

139301  CTCGAAATTC CTTGTTTATC TGTACGCTTG CGTCAGCTTG AGCAGCAAAA

139351  TATTTCTTTA CGTTTTTTAA TTGATAAAAT AGAAAGACCT GATCATTTGA

139401  TGGAAATAGC AGCTCTTCCC GAATACCAAT ATTTGGAATA TCCCTCAGAA

139451  GAAAGTATCA GTCTTTTATC CTATGAGCTA CCGTAAACGT TCGACTCTAA

139501  TTGTTCTAGG AGTGTTTGCT CTTTATGCTC TTCTAGTATT GCGTTATTAT

139551  AAAATTCAAA TTTGTGAAGG AGACCACTGG GCCGCAGAAG CTCTCGGGCA

139601  ACACGAATTT TGTGTCCGTG ATCCTTTTCG AAGGGGCACC TTTTTTGCTA

139651  ACACGACAGT ACGTAAGGGA GACAAAGACC TTCAGCAGCC TTTCGCTGTC

139701  GATATTACAA AATTTCACCT TTGTGCAGAT CCTTTAGCTA TTCCCGAATG

139751  TCATCGTGAT GAGATCATCC AAGGGATTCT CCAATTTATT GAGGGGCAGA

139801  CCTACGACGA CCTCTCCCTA AAGTTAGATA AGAAATCTCG GTATTGTAAG

139851  CTGTATCCTT TATTAGATGT TTCTGTCCAT GACCGGCTAT CCCTTTGGTG

139901  GAAAGGATAT GCAACAAAGC ATCGCTTACC AACAAACGCC CTATTTTTTA

139951  TTACGGACTA CCAACGCTCG TATCCTTTTG GGAAGCTCCT TGGACAAGTT

140001  CTCCATACCT TAAGAGAAAT TAAGGATGAG AAAACAGGAA AAGCCTTTCC

140051  CACAGGCGGG ATGGAGGCGT ACTTTAATCA TATTCTGGAA GGGGACGTTG

140101  GAGAGAGAAA GCTGTTGCGT TCTCCTTTGA ACCGTTTAGA TACGAATCGT

140151  GTTATCAAAC TGCCTAAAGA TGGCTCTGAT ATCTACCTTA CGATCAATCC

140201  TGTGATCCAG ACCATTGCAG AGGAAGAACT CGAACGGGGC GTGCTAGAAG

140251  CTAAAGCCCA GGGGGGTAGG CTCATTCTAA TGAACTCCCA AACAGGAGAG

140301  ATTCTTGCAC TGGCTCAATA TCCGTTTTTC GATCCCACAA ATTATAAGGA
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104

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140351   ATACTTCAAT AACAAAGAGC GCATCGAACA TACGAAGGTA TCTTTTGTGA

140401   GCGATGTTTT TGAACCCGGG TCGATCATGA AACCTTTGAC TGTGGCGATT

140451   GCTTTACAAG CTAACGAAGA GGCTAGCTTA AAATCGCAGA AAAAGATTTT

140501   TGATCCTGAA GAACCTATCG ATGTGACCAG GACACTCTTC CCTGGACGAA

140551   AAGGATCTCC GCTTAAGGAT ATTTCTAGAA ACTCTCAATT GAATATGTAC

140601   ATGGCTATCC AGAAATCTTC GAATGTCTAT GTAGCTCAGC TGGCTGACCG

140651   CATCATACAA TCTTTAGGAG TGGCCTGGTA CCAACAGAAG TTGCTAGCTC

140701   TGGGATTTGG AAGAAAAACA GGGATCGAGC TTCCCAGTGA GGCCTCTGGT

140751   TTGGTGCCTT CTCCCCATCG TTTCCATATT AATGGTTCCC TGGAATGGTC

140801   CTTATCTACT CCATATTCTT TGGCTATGGG ATATAATATT TTGGCAACAG

140851   GGATACAAAT GGTTCAAGCC TACGCTATCC TTGCAAACGG AGGTTATGCC

140901   GTCCGGCCCA CTTTAGTAAA AAAGATCGTC TCTGCTTCAG GAGAGGAATA

140951   TCATCTTCCT ACTAAAGAGA AGACACGACT CTTTTCAGAA GAAATTACTA

141001   GAGAAGTTGT TCGTGCCATG CGTTTTACAA CGTTACCCGG AGGTTCGGGA

141051   TTTCGAGCCT CTCCTAAGCA TCACTCTAGT GCTGGGAAAA CAGGAACTAC

141101   AGAAAAGATG ATTCATGGAA AATATGATAA ACGCCGTCAT ATTGCTTCTT

141151   TTATAGGTTT TACTCCCGTA GAGAGCTCGG AGGGAAATTT CCCACCTTTA

141201   GTGATGCTCG TCTCCATAGA TGATCCTGAA TATGGTTTGC GAGCCGACGG

141251   CACGAAAAAT TATATGGGGG GGCGTTGTGC GGCACCCATT TTTTCTAGGG

141301   TTGCTGACCG CACACTCCTC TATTTAGGGA TTCTTCCAGA CAAGAAGCTA

141351   AGAAATTGCG ACGAAGAAGC TGCTGCATTA AAGCGTCTCT ATGAAGAATG

141401   GAATCGTTCT CCGAAACAAG GGGGAACGAG GTGAGGATCT CTATTTCCAT

141451   CTTGCTATAG ACTTTTACCG TTGAGCAAAG ACTCTCTATC AGAGAGCCCG

141501   TCTCCTCTTT ATCCTCTATG AGTAGTTTAT GTTATGGCTA GGGTAGGTCC

141551   TAAACTATAG AAATAACTTT AGCTTTCTTC CCCTAAATAA GAGACCAAAG

141601   TCTTGATGAG ACGGTCTATT GAAGTTTATG GAAGGGGGAG GTAAGGCTGT

141651   GTGTTTGGGG ATTTAGATTT GGGATAAAGG AGGCTTCTGT TCGTAGAAAC
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141701　AGGAGAGCGA AATTTTATAT TTCAGAGAAG AGTAAGAACT TTATGGACAG

141751　TTTTTTGTGA TTGCTTGTAT ACTATCTTGA TTGAATTTTT TGTCGACCTA

141801　CGAGTAAAGA AATCCTTTAA GCATTTTTA AAAATCAGAG TGAGAGCATG

141851　CCCCTAGAGG GCTTTTTATG AAAAAAGTTG TTTTTCAATA GTCCCTGGAG

141901　CGTAAATGGA TTTAAAAGAG TTACTCCATG GGGTTCAAGC TAAAATCTAT

141951　GGGAAAGTTC GCCCTCTTGA AGTGCGCAAC TTGACACGTG ATTCCCGTTG

142001　TGTGAGTGTT GGCGACATTT TTATAGCCCA TAAGGGACAG CGCTACGACG

142051　GAAATGATTT TGCTGTCGAT GCTTTAGCTA ATGGAGCAAT TGCCATTGCT

142101　TCTTCACTAT ACAATCCGTT TCTTTCCGTT GTTCAGATCA TCACTCCTAA

142151　TCTCGAAGAA TTAGAGGCTG AGCTTTCTGC AAAGTATTAC GAATACCCTT

142201　CAAGTAAGCT CCATACCATT GGGGTGACTG GAACCAATGG GAAAACTACA

142251　GTTACATGTT TGATTAAAGC TTTATTGGAT AGCTATCAAA AACCTTCAGG

142301　GCTTTTAGGA ACCATAGAGC ATATCTTAGG AGAGGGGGTG ATTAAAGATG

142351　GGTTACTAC ACCTACACCC GCTCTTTTAC AGAAGTATTT AGCCACTATG

142401　GTACGTCAAA ATAGAGACGC TGTTGTTATG GAAGTCTCTT CTATAGGACT

142451　TGCCTCTGGA AGAGTAGCCT ATACCAATTT TGATACAGCA GTTCTGACTA

142501　ATATTACCTT AGATCATCTC GATTTTCATG GCACATTTGA AACCTATGTT

142551　GCGGCGAAAG CCAAGCTTTT CTCTCTCGTG CCCCCTTCGG GAATGGTTGT

142601　TATCAACACA GACTCTCCCT ACGCTTCTCA GTGTATTGAG AGTGCAAAGG

142651　CACCGGTCAT CACTTATGGT ATAGAGAGTG CTGCTGACTA CCGAGCCACC

142701　GATATCCAAC TTTCTTCCTC GGGAACAAAG TATACCTTGG TGTACGGGGA

142751　CCAAAAAATT GCGTGCTCTT CCTCATTTAT TGGAAAGTAC AACGTCTATA

142801　ACCTACTTGC TGCGATCTCT ACAGTACATG CAAGTTTGCG TTGCGATCTT

142851　GAAGATTTGC TAGAAAAGAT AGGCTTGTGT CAACCTCCTC CAGGTCGTTT

142901　GGATCCTGTA CTTATGGGTC CCTGCCCTGT ATATATTGAT TATGCACACA

142951　CCCCCGATGC TTTAGACAAT GTCTTAACAG GATTGCATGA GTTACTTCCT

143001　GAGGGGGGAA GACTGATTGT TGTTTTTGGT TGCGGTGGAG ATAGAGATCG

106

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143051   CAGTAAACGG AAGTTGATGG CCCAGGTGGT AGAGCGTTAT GGTTTTGCTG

143101   TTGTAACTTC AGATAACCCT AGGAGCGAGC CTCCTGAAGA TATTGTGAAT

143151   GAAATTTGTG ATGGGTTTTA TTCAAAAAAC TATTTCATCG AAATCGACAG

143201   AAAACAAGCA ATTACATATG CTCTGTCTAT TGCCTCAGAT AGAGATATAG

143251   TGTTAATAGC GGGAAAAGGG CATGAAGCTT ACCAAATATT TAAACACCAA

143301   ACAGTTGCGT TCGATGATAA GCAGACTGTT TGTGAGGTAC TCGCTTCCTA

143351   TGTCTAAGCA ACTGTCGTTT TTTGCTTTAT GTGTGTTAGG AAGTCACCCG

143401   ATTTTTGCTC AAACACCGAA TCCTCCTCAG CGTGTACGAC GCAGTGAGGT

143451   TATATTTATA GATCCTGGAC ACGGGGGAAA AGATCAAGGC ACGGCAAGTA

143501   AGGAACTTCA TTATGAAGAG AAGTCCCTGA CCCTGTCTCT TGCTTTGACG

143551   GTTCAAAGTT ACTTAAAGCG GATGGGTTAT AAACCTCAGC TAACCCGATC

143601   TTCTGATGTA TACGTTGACT TAGGGAAACG CGTTGCTTTG TCGAACCGTG

143651   GGCAGGGGGA TGTCTTTATC AGCATCCACT GTAATCATTC TTCAAACGCA

143701   GCAGCCTTTG GCACCGAAGT ATATTTTTAT AATGGTAAGG TCGGATCTCC

143751   GACTAGGAAT CGCATGTCAG AAGTACTGGG AAAAAACATT TTAGCTGCTA

143801   TGGAAAAAAA TGGCATTTTG AAGTCTCGAG GTTTGAAAAC TGCGAACTTT

143851   GTTGTGATTA GAGATACTTC TATGCCTGCA GTTTTGGTGG AAACCGGGTT

143901   TTTATCCAAT AGTCGTGAAC GTGCGGCCCT GCAAGATGCT CGCTATCGTA

143951   TGCATGTAGC GAAAGGCATC GCCGAGGGAG TTCATAATTT TCTTTCTGGA

144001   CCTAGTTTTC AGAAACCAAA ACAGAATATC GCTAAAATAC GTAAACCACA

144051   GATACAAGCA AATTAGTACT TTAGGAGTTA AAGGCAAAAA ATCGTCCTCG

144101   ATGCGATTCG AACGCATGGC CTGCTGCTTA GGAGGCAACC GCTCTATCCT

144151   GCTGAGCTAC GAGGACGCAA AGACCAGCAC TTTACCAAGT TAGATTAAAG

144201   AAGTCACGTG TTAGATGCAC GCTAGCAATT TAGGGGAAGT TTTTCTCAAG

144251   ATGTGGGAAT GATTTTTCTA GGTTCTAGAA ATATAGTTAT TCGCATTAAT

144301   CGATATGGTT TATAGTGATT GCGCATTTTT TAAAAAATGT CTTGAATCCA

144351   AAGGATGAAT AGATATGATG AGCTTAGACT TCAAAAGTTT ATTATTTACG
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107

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144401   GTTACTCAAC GAGCTACTTT AGGGCACTTT AATAGGAGGC ATTGTCTAAT

144451   ATGGCTACCA TGACAAAGAA GAAACTAATC AGCACGATCT CACAAGATCA

144501   CAAAATTCAT CCTAATCACG TACGTACCGT GATTCAGAAT TTTCTAGATA

144551   AAATGACCGA CGCCTTGGTT AAAGGTGACA GGCTTGAGTT TAGAGATTTT

144601   GGTGTGTTGC AAGTAGTAGA AAGAAAACCA AAGGTAGGAC GTAATCCTAA

144651   GAATGCAGCA GTCCCCATTC ATATTCCTGC TAGACGCGCT GTAAAGTTTA

144701   CTCCAGGGAA AAGAATGAAG CGCTTGATAG AAACTCCGAA TAAGCATTCT

144751   TAATTCTTGT AGTCTTCTTT GTCTCAGTTG TTAGAGTCAG ACCGGTTTTT

144801   TACCGGGCTT GACTCTAATT TTTGTTATTA TTATCGTTTG GTGCAATGCT

144851   TTTCTGATCA AATTGTGCGT GATAATGGGG CTGCAATCCA GGTTACAACA

144901   TTGTATAGAA GTGTCCCAGA ATTCGAACTT TGATTCACAA GTAAAACAGT

144951   TTATCTATGC GTGCCAAGAT AAGACATTAA GGCAGTCTGT ACTCAAGATT

145001   TTCCGCTACC ATCCTTTACT AAAAATTCAT GATATTGCTC GGGCCGTCTA

145051   TCTTTTGATG GCCTTAGAAG AAGGCGAGGA TTTAGGCTTA AGCTTTTTAA

145101   ATGTACAGCA GTACCCTTCA GGTGCTGTAG AACTGTTTTC TTGTGGGGGA

145151   TTTCCTTGGA AAGGATTACC TTATCCTGCA GAACATGCGG AATTTGGCCT

145201   ACTCCTGTTA CAGATCGCAG AGTTTTATGA AGAGAGTCAG GCATACGTCT

145251   CTAAAATGAG TCATTTTCAA CAGGCACTCT TTGATCACCA AGGGAGCGTC

145301   TTTCCCTCTC TCTGGAGCCA GGAGAACTCT CGACTCCTAA AAGAAAAGAC

145351   AACTCTTAGC CAATCGTTTC TCTTCCAATT AGGAATGCAA ATTCACCCAG

145401   AATACAGTCT TGAGGATCCT GCACTAGGGT TCTGGATGCA AAGAACGCGT

145451   TCTTCATCCG CTTTTGTAGC CGCTTCAGGA TGTCAAAGTA GCTTGGGAGC

145501   GTATTCCTCA GGGGATGTCG GTGTTATCGC TTATGGACCT TGCTCTGGAG

145551   ACATTAGTGA TTGTTATTAT TTTGGATGTT GTGGAATCGC TAAAGAGTTC

145601   GTGTGCCAAA AATCTCACCA AACTACAGAG ATTTCTTTTC TCACCTCTAC

145651   AGGAAAGCCT CATCCCAGAA ATACGGGATT TTCCTACCTT CGAGATTCCT

145701   ATGTACATCT GCCGATCCGC TGTAAGATCA CTATTTCCGA CAAGCAATAT
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108

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145751  CGCGTGCACG CTGCGTTGGC TGAGGCCACC TCTGCCATGA CGTTTTCTAT

145801  TTTCTGTAAG GGGAAGAATT GTCAGGTTGT TGACGGCCCT CGCTTGCGCT

145851  CCTGTTCCCT AGATTCTTAT AAAGGTCCCG GAAACGACAT TATGATTCTT

145901  GGGGAAAATG ACGCAATCAA CATTGTTTCT GCAAGTCCCT ATATGGAAAT

145951  TTTTGCTTTG CAAGGCAAAG AAAAATTTTG GAATGCAGAC TTTTTGATTA

146001  ATATTCCTTA CAAAGAAGAG GGCGTCATGT TAATTTTTGA AAAAAAAGTG

146051  ACCTCTGAGA AAGGAAGATT CTTTACGAAG ATGAATTAAT TTTGGGTCTG

146101  TAATTGTGTT TAAGAATTGT TTGTATTAAA ATGATTCTTT TTATACGAGG

146151  AGAGCACATT CTAATGGAAC TTCTTCCACA CGAAAAACAA GTAGTTGAAT

146201  ATGAAAAGGC TATAGCCGAA TTTAAAGAAA AAAATAAGAA AAATTCTCTC

146251  TTATCTTCTT CAGAGATTCA GAAATTGGAA AAGCGTTTAG ATAAATTAAA

146301  AGAAAAGATC TATTCGGATT TGACTCCTTG GGAGCGTGTA CAAATATGTC

146351  GCCACCCTTC GCGTCCCCGT ACTGTCAACT ATATTGAAGG GATGTGTGAG

146401  GAGTTTGTCG AGCTTTGTGG AGATCGCACC TTCCGAGATG ATCCCGCAGT

146451  TGTTGGTGGC TTTGTAAAAA TCCAGGGTCA GCGTTTTGTC CTTATTGGCC

146501  AAGAAAAGGG ATGCGATACA GCGTCACGCC TTCATAGGAA CTTCGGTATG

146551  TTATGTCCCG AGGGTTTCAG AAAAGCCCTT CGCTTAGGAA AACTCGCTGA

146601  AAAGTTTGGC TTGCCTGTGG TCTTTCTTGT CGATACCCCA GGAGCATATC

146651  CTGGATTGAC TGCTGAAGAG AGAGGACAAG GATGGGCAAT TGCCAAAAAT

146701  CTTTTTGAGC TCTCAAGACT TGCCACTCCC GTGATTATTG TCGTTATCGG

146751  TGAGGGATGT TCAGGTGGAG CTTTGGGCAT GGCTGTAGGT GATTCTGTAG

146801  CTATGTTAGA GCATTCCTAT TATTCTGTAA TTTCCCCAGA AGGATGCGCC

146851  TCCATTCTTT GGAAAGATCC TAAGAAAAAT AGCGAAGCAG CTTCCATGTT

146901  GAAAATGCAT GGAGAAAACT TAAAACAATT TGGCATTATC GATACTGTTA

146951  TCAAAGAGCC CATTGGGGGA GCTCACCACG ATCCTGCATT GGTATATAGC

147001  AATGTTCGAG AGTTTATCAT CCAAGAGTGG TTACGATTAA AAGATCTAGC

147051  TATAGAAGAG CTGTTGGAGA AACGGTACGA AAAATTTCGC TCTATAGGTC
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109

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147101  TTTATGAAAC TACTTCTGAA AGCGGTCCTG AGGCATAAAA ATCATCTCGT

147151  TATATTAGGC TGTTCTCTAC TCGCAATTTT AGGACTTACC TTTTCATCTC

147201  AGATGGAGAT TTTTTCTTTA GGGATGATTG CTAAAACAGG CCCCGACGCC

147251  TTTTTACTTT TTGGACGTAA GGAATCTGGA AAACTTGTAA AGGTTTCAGA

147301  ACTAAGTCAG AAAGATATTT TAGAGAATTG GCAGGCAATT AGTAAGGATT

147351  CAGAGACACT TACAGTCTCT GATGCCACGA CATACATCGC CGAACATGGG

147401  AAAAGCACAG CCTCTCTGAC GAGCAAGCTC TCTAAGTTTG TCCGTAACTA

147451  CATCGATGTG AGCCGCTTTC GAGGACTGGC AATCTTCTTA ATCTGCGTTG

147501  CTATTTTTAA AGCAGTCACC TTATTTTTCC AACGTTTCCT TGGGCAAGTC

147551  GTTGCTATAC GGGTAAGCCG AGACTTACGT CAGGACTACT TTAAGGCCCT

147601  ACAACAACTC CCCATGACCT TCTTCCATGA TCATGATATC GGTAATTTAA

147651  GTAATCGTGT CATGACAGAT TCTGCAAGCA TTGCCTTAGC AGTAAACTCT

147701  TTAATGATTA ACTACATTCA AGCCCCAATT ACCTTCATAT TGACATTGGG

147751  AGTCTGTCTG TCGATTTCAT GGAAGTTTTC AATTCTTATT TGTGTTGCCT

147801  TTCCTATCTT TATCCTTCCC ATTGTCGTGA TCGCTAGAAA GATCAAAAAT

147851  TTAGCAAAAC GTATTCAAAA GAGTCAGGAT TCATTTTCCT CCGTTCTTTA

147901  TGATTTTCTT GCTGGGGTTA TGACAGTAAA AGTCTTTCGT ACAGAAAAAT

147951  TTGCCTTCAC AAAATATTGT GAGCATAACA ATAAGATTTC TGCTTTAGAG

148001  GAGAAAGTG CTGCTTACGG TTTGCTTCCA CGACCCCTCC TGCATACCAT

148051  AGCTTCTTTA TTTTTTGCTT TTGTCGTCGT TATCGGAATT TATAAATTTG

148101  CTATTCCTCC CGAAGAACTT ATCGTATTTT GTGGTTTGCT CTACCTAATC

148151  TACGACCCTA TTAAGAAGTT CGGGGATGAA AATACCTCCA TCATGAGGGG

148201  ATGTGCTGCT GCGGAGAGAT TTTATGAAGT CTTGAATCAC CCCGATCTTC

148251  ATAGTCAAAA AGAAAGAGAA ATCGAGTTCC TTGGACTTTC TAATACAATC

148301  ACATTCGAGA ATGTTTCCTT CGGCTATCAG GAAGATAAGC ACATCCTCAA

148351  AAATCTAAGC TTTACCTTAC ATAAAGGCGA AGCTCTAGGC ATTGTAGGAC

148401  CTACAGGATC TGGAAAAACA ACACTTGTTA AATTACTTCC TAGGCTCTAC
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110

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148451   GAAGTCTCCC AAGGAAAGAT TCTTATCGAC TCTCTTCCTA TTACGGAATA

148501   TAACAAAGGG TCCTTAAGGA ATCACATCGC CTGTGTATTA CAGAATCCTT

148551   TCTTATTCTA TGATACTGTA TGGAATAACC TTACCTGTGG TAAGGATATG

148601   GAGGAGGAGG CTGTTTTAGA AGCTCTAAAA CGTGCCTACG CTGATGAGTT

148651   TATTTTAAAG CTCCCTAAAG GAGTCCATAG CGTGCTCGAA GAATCTGGGA

148701   AGAATCTCTC AGGAGGACAG CAGCAACGTT TGGCAATAGC ACGTGCTCTG

148751   TTGAAAAACG CCTCCATCTT AATTTTAGAT GAGGCAACGT CAGCTCTAGA

148801   TGCCATTAGT GAAAATTACA TTAAGAATAT CATTGGAGAG CTTAAAGGAC

148851   AGTGCACACA AATCATTATT GCCCACAAGC TGACCACTCT TGAACATGTA

148901   GATCGCGTGC TCTACATAGA AAATGGTCAA AAAATTGCCG AAGGCACAAA

148951   AGAAGAACTC TTACAGACGT GTCCTGAATT TTTAAAAATG TGGGAGCTCT

149001   CAGGGACTAA AGAATATAAC AGGGTCTTTG TTCCTGATCA CAAATTAGTC

149051   GCAAATCCTA CGGACATGGC AATAACAACT TAGGTGGGAT CGCTCTCTCC

149101   ATGAGCTCAG GCAACAACTC TACAAGTGTC TGAGTTAGCT TTTGTGATAC

149151   CTCCTCCAAT CTGCTGAAGG GACAGTCTCC TGGAACAGTA TAATCAGAAG

149201   TGATCTTGAG AAAAGAACAG GGGATGTGAT GTTCTGCTGC TTGTGAGGCT

149251   ATAGCATAGC CTTCCATATC TAGAAGTTTA AACGTCTTAT GAAACCCATA

149301   ATGGTACAAT ACTGGAGAGG TAACCAGAGA GCTTTTAGGT AGAGAATCCG

149351   GTAGAGCGTC AAAGATATAA GGGGGATCTT CAGAGAGAAC AGGAGGTGTA

149401   TCCGTAGTGA GGTTTGCAAT TTTCTCAATA GTGTAACATT GACCTAAAGG

149451   AATCTCGGGA GAACATGCCC CCACAAAACC TGGATTGATC CACAGATCGT

149501   AATCTGTATA TGCTTGGCAA TAGCTTTGAA GAGCATTTAA AACGGCTGTA

149551   CTTCCCCAAA CATGGACAAT ATAGAGATCT AGATGGTAGT CAGTACAACG

149601   ATAACTATAG AGATGCTCGT TGATCTGTGT AAAATCAAGT TGTTCAATTA

149651   GAGGAGAAAT TTCTCTATAG TCTGCAACAA TGCAAAGGAT TTTTTTAGGT

149701   GTATTGACAG CATTCATTGG CCTTCCAGAG CATATGTAAA GCTTTTTTCC

149751   CAGTTTTAGA TAGTTGAAAG GTTTCTTTGT TGATATAGGT TCCTATGAAT
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149801  CTATGAATCA CGGTCACGTT TTTATTTTTA GAGTATTCTA CTGCTTTTGC

149851  TCCCGCAGTT ATAGGATCTT TCAGGGAGCA AATTAAAGAC TTTCTTAATG

149901  CTGCTGTTAG AGCATCCACT GTAGCCATAG GAACATATTT CGCAATGGCT

149951  AAACATCCTA AAGGAAGGGG AAAGATGGTC TTACGGCGCC ATAGCTCTCC

150001  AAAGTCTGCC CGCAATGTCA ATTGGAGATC GTAGCTGAAG CGCTCTTCAT

150051  GAATCAGAGC GCCTCCATCG ACTTTCCCTT GCAGTATCGC GGATAGAATT

150101  TTGTCATAAG GCATGGGAAT GAGTTTTGCC TTGGGATAGT AAAGTTTACA

150151  GAGAGCATGA GCGGTTGTCA TCTCTCCAGG AGTTGCCAAG GTATCTAGAG

150201  AACATTCAGG ATCTAAGGAG AGGACGATAG GACCGCTGTT GTATCCTAAG

150251  GTATTTCCTA CGTCCATAAG ATTATAATAA TCAGAAACTA GAGGGAAGAG

150301  CGCTGCTGAC ATTTTCATTA GGGAGAGCCG TCGCTGCAGA GCTAGGGTAT

150351  TCAAAGTTTC AATATCCGCA ATTGTTACCT GGTTAAGAAG AGGCCTGAAT

150401  TGGGGGTCTT TTAAGAAAGA ACGAAAAAGG AAAATATCAT TCGGGCAAGG

150451  AGAAAAGGCA GCAGTCAGTA TCATGTCGGT TGATGTAATA GAGCTATAGC

150501  GGCTTTGATG TCTTTATTTT CAGGCTTATC CAAAGCTCCT TGGTTTTCCA

150551  GCCATTCGAA GTAAGACTTA GGAATATCCA CAAGAGGCTG CCCTTTGTAT

150601  TTGCCAAAAG GCATTTTGAA GACTTTCGGG TGATAGCTCT GTTGCAGCAA

150651  GTCGAGGACT TGCTGGGGCG GTAAATCACC GATTAAAGAA GTAAATACCT

150701  TGTGCAATAT CACTACGTCA TCTAGAGCTC GGTGTGCTTG ATTTTCAGCA

150751  AAACCGTAAA CTTGTCTTAG GTATTGTAAA TTATGTTTTG GTAGATCGGG

150801  GCGATATTTT TGTGCCCATT TTAGAGAGTC TATTGTACGG TTTGTCAGAG

150851  GCTCTAAGGA ATGTCTGCGA CATTCCTTAC CGAGTAGGGG GAAATCAAAA

150901  CCGTCATTAT TATGAGCCAC TAAGATGCTG TCCTCTCCGC AAAATTTCCT

150951  AAATCCCTCG TAGGCTTCAG GAAATTTGGG AGCAGAAAGT ACCGCATCCG

151001  TAGTGATTCC ATGAATTTTG GATGCCTCAT CAGGAATGGG AATTTCCGGA

151051  TTCACATAAG TAAGAAAGGA CTCATCTGTG ACACTATTGT AGGCAGCAAT

151101  TTCTATAATG CGATCTCTTT CTATTTGTGT TCCTGTGGTC TCCGTATCAT
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112

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151151   AGAAAATAAG AACATCCATA GTTTGACTAC TCATTACGTT TTTCTTGTTG

151201   CTCTTGAAGA GCCTGACGTC TTAGTTCATC CAAATTCATA TTCCCAGAAG

151251   AGATCAACCC AATAGCATGA GAAAAACTAT CACAGACTAG CTTTATTGTA

151301   TCGATATATA TCCGTAATAG TGTGTCATGA ATTTCTCCGT TTAGGCAGGG

151351   CAACACAAGC CGATAAAATA TCAATCCCTG TTCTTCATCC ATGCCAAAGC

151401   CGGGAATATC AATGTCCCTA TTTAAGAGAT GGAGTAAACG AGCTGTTGAT

151451   GCCTTATGAG ATTCATGCAA TTGGTAGGGA AGGTAACAAA TCAACTGCAG

151501   TATTTCTCCC TCACTGCGGA TTACAAAAAA TAAAGGGAGT TCATTGCCAT

151551   TAGCTTGAAT GTTAATGTAA GTAAGACCGC TTTCTCTTTC TAAGAAAGGT

151601   TCTTCATCCG AACTTTTAAG AAATTTTGTG AGATTATTTT GATTTAATGT

151651   CCATGTCGTC ATTTAGGAAA TACTCCAAGT TGTTCCTAGA GCCTGCATCA

151701   TTGCTGGCTG ATAATACTAG ATCTAATCTT GATTCGTCTG TTGTTTTTTT

151751   TGTATCTTTT GTATTGCTTT ACTGAGGAAA TCAGAGGTTG CAGAGGAAGA

151801   AGACTGCTTA TTATTTTCTT GAAGTAGATG ATTGATATCA GTGTCGGGAG

151851   GAAACTCTGT CAGTAGCGTA ATTTTTTCTG GTGTTTCTGC AATCACAAGA

151901   GTTTTATTCA CAACTCGAAT GAGGTAAATA GAAGTTTTCG GCGTTAGGGA

151951   ACGTCGTTCT AGGATTTTGA TTTGAGACGA GCCTCCAAAA CCGTGACTTC

152001   TTGATCTCAC AAACTTTTTA AACGCCCAAA CTCCAAAGCC AAAAATTGTT

152051   AAAAGTAGAA TCAAAGATCC TAGCATTTTA AACATTTCTA ATTTCATGCT

152101   TCCTGGGAAC ATTTCATGTA CAGAAATGGG CTCTTGGATC GTTTCTGCAA

152151   GAGCAAGCTC ATCAGAAAGC TTAAAAACTA AAGAAAAAAG ATTAAAAAAC

152201   ATGTGTAAGA CCCGCGATCA TCTCTATAAA ATTATAGTGG TAGCCCGATT

152251   TGTATCCAAC TACATACAAG TAATAATGAA GTATAGTTTT AGTCGATGCT

152301   ATATAAATTA TAGTACAATG ATTTCCAAGT ACAGATTAAA CCGTAATCAT

152351   GTATATTCCT GCAAGTACCG TCTAGAGAGC TCCCCTAGAT GATTTGGGTA

152401   ATTCACAGAC TCCTTTATAC CCTTCTAGGG TGTGCTCGTT CCACAGAGCC

152451   CAAGCTCTTG TCTTTCATAG ACAAAACGAC AGCAGTCTGT CGGTGGATGC
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152501   AAAGAATTTT TTCAAGTTGC CTGAGAAATT CCTTGGCAGC GCTTAATAAA

152551   ACTATGGTGA TGCTATGGAA AAGTTACTAG TGACTGATAT TGACGGTACA

152601   ATTACCCATC AATCTCATCA TTTAGATAAA AAGGTGTATG AGCGGCTCTA

152651   TGCGCTGCAC CAAGCTGGTT GGAAGTTGTT TTTCTTGACG GGAAGGTATT

152701   ATAAATATGC TGCACGCTTG TTTTCTGATT TTGATGCTCC ATATTTATTA

152751   GGATGCCAAA ACGGCGCTTC TGTATGGTCT TCAACATCAT CAAATCTTCT

152801   CTATTCTAAA AGTTTACCCT CAGATTTATT ATGTATTTTA CAAGATTGTA

152851   TGGAGGGGGC AACGGCTCTT TTTTCCGTGG AATCAGGAGC TCCTTACGGG

152901   GATCACTACT ATCGCTTTTC ACCGACTCCT ATAGCTCAAG ATTTACACGA

152951   ATATGTAGAT CCTAGGTACT TTCCTAATGC TAAGGAAAGA GAGATCCTAT

153001   TTGAAACGCG CTCTTTAAAA GACGACTATG CTTTTCCTAG TTTTGCTGCA

153051   GCAAAAGTCT TTGGACTGCG AGATGAGGTC ATCAGAATTC AAAAGGAGCT

153101   GGAACGCCAA GAAGCACTGA CTTCAGTCGC GACGATGACG TTAATGCGCT

153151   GGCCCTTTGA CTTTCGCTAT GCCATCTTGT TTTTAACAGA TAAAAGCGTC

153201   TCTAAAGGCA AAGCCTTAGA TCGTGTTGTC AATATACTTT ATGATGGAAA

153251   GAAACCCTTT GTCATGGCTT CAGGAGATGA TGCTAATGAT CTCGATCTTA

153301   TTGAGAGAGG AGATTTTAAA ATTGTGATGA GTTCCGCACC TGAAGAGATG

153351   CACGTTCATG CGGACTTTCT AGCTCCCCCA GCAGATAAGA ATGGCATTCT

153401   TTCAGCTTGG GAAGCTGGTG TCCGCTATTA TGACGACCTT ATGAGTCTTT

153451   AGGGAACATC TCAGGACCAA TTCCCATCAC ATTGGCTCCG TGATCTACGT

153501   ATAAGGTCTC ACCAGTAATT GCTGAAGCTA GAGGTGATGC TAAGAAAGCT

153551   GCAACGGCAC CCACCTGCTC GGCATTCATA GCCTCGGGAA TAGGCGCCCA

153601   CTCTTGGTAA TAGTCTACCA TTCTTTCAAT AAAACCAATT GCTTTTCCAG

153651   CTCGGCTTGC TAAAGGTCCT GCAGAGATGG TATTGACACG TATGCCCCAA

153701   CGGCGTCCCG CTTCCCAAGC AAGAGTTTTG GTGTCACTTT CCAAAGCTGC

153751   TTTTGCCGAA CTCATGCCCC CTCCGTATCC AGGAACAGCG CGCATAGAAG

153801   CCAAATAGGT GAGCGATATT GTCGATCCAC CACGGTTCAT GATACTTCCA
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114

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153851  AAGTGAGAGA GAAGGCTAAC AAAAGAATAA CTAGAGGCAC TGAGAGCCGC

153901  TAAGTAACCT TTTCTTGATG TTTCTAATAG AGACTTAGAA ATTTCAGGAC

153951  TATTTGCCAG CGAGTGGACA AGAATGTCAA TATGACCAAA ATCTTTTTTT

154001  ACCTGTTCTG CGACTTCTGA TATCGTGAAT CCCGTAATGC CCTTGTAACG

154051  TTTATTTTCA GCAATATCTT CAGGAACATC TTCAGGGCTA TCAAAACTTG

154101  CGTCCATGGG ATAGATCTTA GCAATCTCTA AGAGAGTGCC ATTCGATAAT

154151  TTTCTAGATT CATTGAATTT TCCTAATTCC CAAGACTGAG AGAAAATTTT

154201  GTAAATCGGT ACCCATGTTC CTACAATAAT CGTAGCTCCT GCTTCTGCAA

154251  GAAGTTTAGC AATACCCCAG CCATATCCTT GGTCATCACC AATGCCCGCA

154301  ACAAATGCTA CCTTTCCTGT TAGATCAATC TTTAGCATGA ATCCGCCTTA

154351  TACTTTTGAA GCTTATTGGA AGGAGAGTAA CAAATCTTTC GATTATTAAG

154401  AAAACCTTTT GGTGCCTCAA CAGGGGAGAT CCTGCCTCCA ATGTAAATAG

154451  AAACGTAAAT TCTTTAAATT TTTTTCTTTA CATATTTTAT AGAATATCCA

154501  AACTTCTCAC TCCCGCGTAC TGCTAAAAAA ATTTTCAAAA GAATTTACGA

154551  TCCGAACTTA TCGTAGTTTG GGTTTCACTG ATTACTTAGG AGGTTGTTTG

154601  ACGAATCCTT TAGGGAAATT CCCCTCACCA CAGAATCCAC AGGTTGTTAC

154651  GATAGCGCCT TCTTCCACAA CACCACAAGC AGTCTCATCT GCAGTTCAAG

154701  GTTTTCTTCA AACTGGAGGA GCTGCCTCCT CTACAGCGAC AACTACTACC

154751  GCATCCGGAG CCTCTGCATT AGGACTTTCA CCTGATCAAG TGCAAGCGTT

154801  GCTTACTAAT TTATTAAATG TGGGACAACC ATCAGTGGGA CAACCATCAA

154851  CTTCAGCAGG AACTTCGGGA GCCTCCTCTT CCAGTGCAAG TATGCAGCAA

154901  CAGCTTTTGC AACTTATCTT AGACAAGACA ACAGGAAGTG GCGGATCGTC

154951  CGTGAGTTCA GAGCAATTAC AGCAACTCCT TAGCTTGGTG AGCCAGATGA

155001  CTACGTCTCA AGGAGGAAGT GGTGGAACTC AGGCAGGACA GGCCGCTTCG

155051  GTACTGTTGA ATTTGTTATC GGCAACAGGA TCTGCAGCAG CAAATCCTTT

155101  AGGGACAGCT GCATCGTTGG CACAGATCAT TTATGCAGCA GTAACAAGTC

155151  CTGGAGCAAA GAAAACTAGC GAATTTTGTT ATAATTATTG TGGAGAGACC
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115

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155201  TGCCAAGGCA ACTGCGGTTG TCCTACCTGT GGCTGTCCAG ACGGACAGTG

155251  CGGTTGTGGA GGATTTGGCC GTTTTTTCTG TGGTGTATGG AAAAATTGTT

155301  GCGGGATAGG AGAGGGATCC CAAGAACCCG CAATCCCTTT ATAAGAACTC

155351  GAGGCTTTAG AACAGAAATA TGGCAAGGCT GTTCTTTTAA TTGCGTTAAG

155401  TGAGCTTGGC ATTGATACCA TGAGCTTATT ATCAGGACAT CGACTCGAGG

155451  GATTTCCTCC AATCGCGGAG GTCATGGCTG CATGTGACCG GTGTTCTATG

155501  GACTTTTGTG AGATCTTGAA GTCTCAAAGC ATGGATCTGT GGGCGGATGC

155551  GGCGAGTTGT GTGGATGGTT TATTACAGGA TCCTTTTTGG AGTACAGCAA

155601  TTGCCTCAGG GATTGCTAAG TCTTCTCTTC AGGAAACGGA ATTCGAGTGT

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155851  TGGAGGAAGC ACTCCGATTT GGATCACCAA AGAAAATCTG ATGGCGTTAG

155901  TTGCTTTGGT TTTATCTCAC TATCAATGTT ATTTTGTCCC AGCCACAGGA

155951  GATCCCCAAC GTGGCAACAT TTTAGGTAAT CCAGAAGTCA ATGCTATTTT

156001  GGCTCGGGGG ATGGGCATGC GTGTCGATCT GGAAAGGAAG CGAGGGGGAG

156051  AATCTTCCTC GTCACGCTAT TTAGAATTAG CTGCACGATG TTTTGAGAAT

156101  TCTCTTACGA AAACAAGTTT GTTAAGCGAT GCTAACAATG TTCAAGAAAG

156151  AGATAAGTGC CTACTACAGA TGTCAACTTC ATTGATGCAT ACGGCGGGAC

156201  TAAATTTACA ACGCCCCCCT GTACCCACAC CTTCTGGAGT CACGGCACAT

156251  CCGCAACCTC AACCAGATCC TGTGGTTACG TCTCAACCTT CTTTATTAGG

156301  TGCTAGAGAG CGTTCCCCTG TGTCTTCTAG AGGGCGTTTT CCTGTAGTTT

156351  TACCTTTAAG TGTGATTTCT CCTAGGTCGC ACCCCGGAAG GGTAGAAAGG

156401  CGGGATTTAG AAGATGAAGA AGAGGAGGTT ATGTTTTGAA GCAGTGTAAA

156451  CGACTCCAAT TACAGTTTTA TGAATCTCTA ATTGTAAAGT TCTAGGGGTT

156501  TTTCTTGAAG TAAGTGCCGA GCACATTCTC TAGGATCTTC GGTTGATGAC
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156551 GCACAAATTT TTAGGGGAAG ATTTGTGAAT GGGGAGATAA ATTCTAGGGA

156601 GTGAGCATGG AGGAGAGGGC GGAAGATCTG GGGAGGCTGT TCTTTAGGTC

156651 CGTAGTCGAC ATCTCCGACA ATAGGATGAC CCAGCAATCC CATTTGTAAG

156701 CGGATTTGAT GGGTTCTCCC TGTGATGGGC CTGCGGCTCC AAAAATCACA

156751 GCTCCACACC TCCGGTATAC GGGGGCCGTA TAAGATTTTA CGGTTCCAAA

156801 TTTTTTTTTA GGATGACCAA AAACGAAAGC TATGTATTGT TTATGGATTT

156851 TTCTTTGCTT GAACAATTTC ATGAGCTCAG TAGCCGCTTG TTTAGACTTT

156901 CCCATGAGAA GACACCCAGA GGTGCCTTTG TCTAACCTAT GCACAGTAAA

156951 AAACCGTGTC ATGTGTGCCA TTTGTTCAGT AGTAAGATGG GGAGGTTTTT

157001 CGTAGATAAT GCTATAGTCA TCCTCCCAGA GGATGCTAGG TTGTTGTTTT

157051 GTTGAGGGGA TCAGAGATAG GGAAACACGG TCGCCAGGTT GTACCTTGTA

157101 GGATTCAAAT CTTTCTATGA ACCCGTTCAC TCGACATCGA TGTTGGCGAA

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157201 AAAGAAGATA ATCTTGAGAC TTGTGTGGCA AGCCAGGAAA AATTTTCCAT

157251 AAAATATTGT AAAGCAGCCC TTTTATCATT TGATAATTGC ATAAAATTTT

157301 AAGAGATTTT GTATGACAAA GATAGCTTTT TCTGAAAAGG CAAAGAATTT

157351 TCCTGTAGAG GCATTAAAAA AATGGTTTGA AAAAAATAAA CGATCTCTTC

157401 CTTGGAGAGA TAACCCGACT CCCTATAGTG TGTGGGTTTC CGAAGTTATG

157451 CTACAGCAAA CGCGAGCTGA AGTTGTTATA GATTATTTTA ATCAGTGGAT

157501 GGAGAGATTT CCTACCATAG AGTCTTTAGC TGCAGCAAAA GAAGAAGATG

157551 TCATTAAGTT ATGGGAGGGA TTGGGTTATT ATTCTCGAGC GCGCCATCTT

157601 TTAGAGGGAG CTCGCATGGT TATGGAGGAG TTTCATGGAA AGATCCCTGA

157651 TGATGCCATT TCCTTAGCTC AAATTCGTGG AGTTGGTCCT TATACGGTTC

157701 ATGCTATTCT AGCCTTTGCT TTTAAGAGGC GTGCTGCTGC TGTGGATGGC

157751 AATGTCTTGC GTGTTCTTAG CCGGATATTT TTGATAGAAA CTTCTATAGA

157801 CTTAGAATCA ACTCGTACTT GGGTTTCTAG GATTGCTCAA GCGCTTCTTC

157851 CTCATAAGAG TCCCGAGGTT ATAGCTGAGG CTCTGATAGA GTTGGGAGCT

117

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157901  TGTATCTGTA AAAAAGTTCC TCAATGTCAT CGTTGTCCTG TCCGTCAAGC

157951  ATGTGGAGCT TGGAGGGAGA ACAAACAGTT CGTATTGCCG GTACGTCATG

158001  CCAGAAAAAA GGTCATCTTT TTGCATCGTT TGGTAGCGAT TGTATTGTAC

158051  GATGGCTCTT TGGTTGTCGA GAAGAGACGT CCTAAAGAAA TGATGGCAGG

158101  CTTATATGAA TTTCCTTATA TTGAAGTTGA ACCAGAGGAA GGTCTTCAAG

158151  ATATAGAAGG ATTTACTAAG AAGATGGAGC TTTCTTTAGA AAGCCCTTTG

158201  GAATTCTTAG GTAACCTTAA AGAACAGCGG CATGCGTTTA CTAATCATAA

158251  GGTTCATTTG TGTCCTATAA TTTTTAAAGC CACTTCTCTG CCTCAGTTCG

158301  GGGAATTGCA TCTTTTGAGT GATATAGATC ACTTAGCTTT TTCTTCAGGA

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158401  TAGAGAATCA ATAGGAGTAT AGATGCGAGA TCACGCTTTT TCTAAATTGA

158451  TAGGGACTGT CCGTGCCATG GTAGTTGAAG GACGTTGTCC TTGGTCACTT

158501  CAGCAATCCC TAGTCTCTAT GGTAGAGCAT ATTCTTGGAG AGTGTCAGGA

158551  ATTTCACGAG GCCGTCTTAC AAGGTAAGAC GGTACAAGAG GTTGGTTCCG

158601  AAGCCGGGGA TGTCTTAACT TTAGTTCTAA TTTTATGTTT TCTGTTAGAA

158651  CGAGAGGGCG TACTTGCTTC CGAAGACGTT GCCAATGAGG CTATGGAAAA

158701  ATTGCGTCGC CGTGCTCCTT ATATATTCGC TGAAGATTAC AAGCCGGTCT

158751  CGATTGAAGA GGCCGATCGC CTTTGGGAGC TTGCTAAGCA CCGAGAGAAA

158801  AATGAATCTA CATAGTTGAA GTTTTGGTCT ATTTTTAAGC ATATGGTGCT

158851  TTTGAAAAAA CAGAATATAT GCTATCAAAG AAGGGTAAGT TGGGGGCCTT

158901  TTAAGAGAAG GAACCTGCGA ATCGGGTCAG GACTGGAAGG TAGCAGCCCT

158951  AAGGAGAGTT TTCTTTTGCT AAAAGAATGT TCTCCAACTT ACTCTTTTTA

159001  CTTTATTCCC AAAAATAGCA ATGAGGTGAG GTTAAACAAC CCGTGCAGTG

159051  CAATGGGAGA AAGAATGTGC CGATCTTTTT CATATAGAAA CCCTGCAGAT

159101  AAGGAAAAAA CAAAGAGCAC GGGGACAAAG ACCCAACTTC CTAAAGAGTG

159151  TTCAATGTGA ATGAAAGAGA AAATAATAGA AGAGCATAGT ACCGCAGCTA

159201  TGCGCGTCAT TTTGTTTTTC AAGAATGTCT GTAGAATTCC TCTAAAAAAT
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118

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159301   GTAGTGTCCT GTTATAGGCA GAGAGTTCTG AACTTCTTGA GTGACTTCTT

159351   GTGTGTGAAT CTCTTGCGTA GGAAGAACCA AAGTTAAAAA TTTACTCATC

159401   ATAATCCCAA TCAGTTGTGT TACTGGGATG ATGATGATCC ACATTCTGAT

159451   GGCAGATCCT AGAGCACGCC ATGAAGTTTT AACCGGTCTT TCTCCAGAGA

159501   AAAGTATAGC ACGTGTGATA TCCTTGGGGA GAAAAAGCAG GTAGAACAGA

159551   AATGCAAAGG CAAGGCTAAT TCCTGTCATG GTGGAAAGTA ATTCCGCAGT

159601   TTGTGAGCTC ACGCTAAGAG CTACAAGGGA AGAAAAAACA AGAAGAGCAC

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159701   GGCCAGATAA AGAAGTTTTT GGAAGCTAGA GCAGCGACGC CAAGGGACAA

159751   GAGAAGAATA AACTTGGACA TTTCCTTAGA CTACGAGTAG TTAGCACAAA

159801   CATAGCCCTC AACTCTGGCA ACAACTTCGC GGAAAAGACG GCTATGCATT

159851   AAGCCCATGG GCGTTGAATC AAAATGTTTT GAGTTCCAGC CATAGCGATG

159901   ATAATCATTG ACTAGGGTAG TTAAAGGCTG GCTGCATTCG ATAATCTCTT

159951   GATAAATGAG AGCTATTTTA TGATGACGGA TATCAAAAAC GCGAACACGT

160001   ACAGACGCTG TTACAGAATC GACACCTGCT TCTTTCCCTG TCTTTTGTTC

160051   TAACAGTTCT GTAGCAACAA TGAATTCTGC AGGAAGAAAT TGCTCAATAA

160101   TTGTTTCGGG TAGACGATTC GCAATCGGAG CATAGAACTG AGAGACTGTC

160151   TGAGGTGAAG CATTGTGCTT GATCAGGAAG ACCTTTTCCG AAGCATAAAA

160201   CCTTTTGCTG ATCTCTTCAG TAAATTCTCC TTGGAGGTTC CAAGGTAAAG

160251   GTTCAAGACT CTTTCCTGGG CGATGAAATA CAGGAAGCAT CGCAATCACA

160301   CCTTTAGTTT TGCTCCCTGA AGTGTATAGC TTAGGATGAT AACTTCCTGA

160351   AGAGCCTAAG TGAGTGCAGC TGGATAGGGT TGGGGATAGA AGTCCTAAAG

160401   ATGCCAATAA TACCAACATT TTTCGCATAG TCACTGTCCT TAAATTGCTT

160451   ATTTTGCAAA AGATTCTAGC CCTGGGAAAG TTTTTACTTT TAAGATCAAT

160501   ACTTTCGCAA TTGAGAGATT TTCCATTTAA AACTCTCATT AGCTTATATC

160551   AAAGAAAAAA ATAAAAACAA GCAAAGAGAC CGTCTCAGTT TTAGTTTAGA
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119

160601 AACTCAAGGT TGAGAAAGGG ATTCTGACCA AAGTTGTGAG GGAACTTTGG

160651 TAACTTTTTC TTTAGGAATC AATGTGCACC CTGGGAGGAA TACAACTGGA

160701 GCTGAGATCA CAGAAAAAAT AAACCACTTC ATGACTACCT CTGCAAAAAG

160751 AATACTACTA TTTTCTATTT GCATAGGCAG TTCTTCGATT TATAGCAATT

160801 TTTACTTTAT CATCATAAAA ACTATGATGA AAAGGTTCTT AGTGAACTTC

160851 TAAGGAACAC CATGAGTTTG TGATTAAAAC TCATGGTGCG TAGTTGAACC

160901 CTTATTGAGG AGGGACGCAA CCACTAAGAG CTAACAATAC TAAACAAGAT

160951 AATAGTAAAG AGAATGCTTT TTTCATTATT CATCCTTAGG TTAATTGACC

161001 TTTCCAGCCT AGCTCTAGGG CGATTATTTA TCAAATTTTT CTTTGTAATT

161051 AATGATCATG CGACCATTAA TTTAGCGATA AATTATGATT TCGTCAGGAA

161101 AATTCAATTC TTTATAATAA TGATATGAAA TTAGAGAATG TCTATAGGGG

161151 CGGACTCTAT TTGTGATCCA GGATCTCTTT AGGAGCACTT TGTGGATTTT

161201 GATTATTTTG GTCTGAGTGA TATTGGTAGG GTGCGCGCTA GAAATGAAGA

161251 TTTTTGGCAG GTAAACCTCA TGTCTCAAGT GGTTGCTATT GCTGACGGTG

161301 TTGGGGGGCG TCTTGGTGGA GACATTGCTT CTCAAGAGGC AGTGACTAGC

161351 CTTATGGAGC TGATTGATGA GCAACAGTCA AAATTGATGG GGTATGGGGA

161401 TGACCAGTAT AAGGAGACTT TAAAAAAGAT CCTTTTAGAG GTCAATGGTG

161451 TGGTCTATGA ACACGGCCAA ATGGAAGAGC ATCTCCAGGG TATGGGAACC

161501 ACTCTTAGCT TCATCCAATT CCGGAAGGAT AGGGCATGGC TATTTCATGT

161551 GGGAGATAGT CGAATTTATC GTATTCGTGA GGGAGAACTG CGCCGCCTTA

161601 CCGAAGACCA TTCTTTAGAA AATCAATTAA AAAATCGTTA TGGGCTTCCT

161651 AAACAATCAG ATAAGGTGTA TTCTTATCGC CATATTCTGA CTAATGTTTT

161701 GGGAAGTCGT CCCTATGTCA TGCCTGACAT TCGGAATCTT CCTTGTGAAA

161751 AGGAAGATTT GTACTGCCTC TGTTCGGATG GATTGACAAA CATGGTTCCA

161801 GATATCGATA TTCGTGATAT CTTGAACCAG CCCGCCACCC TAGAAGAACG

161851 GGGGAATGCA TTAATTTCTC TAGCCAATAC TCGTGGAGGC GATGACAACG

161901 CTACTGTCGT ATTAGTCCGA ATACAATAGT TCCTTTGCTA AGGATAGTAT

120

161951 TCCATGATCT ATTTGGATAA CAATGCGATG ACACCCCCAG AGAGGGGACT

162001 TTTGGAATTT CTCCAAAAAA CCTTCCTTAT AGAAGGGACG TACGCGAATC

162051 CTTCGAGCGT CCATCAATTA GGTAAAAAAT CTCGTCAACT GGTTCTAGAA

162101 GCTTCACACT GGATGCAAAA GGTCCTTTCG TTTCAGGGCC GTGTCCTCTA

162151 TACCTCAGGG GCTACTGAGA GTTTAAATTT AGCAATAGCA AGCCTCCCTA

162201 AAGACAGTCA TGTTATCACC TCAGGTAGCG AACACCCCGC CATCTTAGAG

162251 CCTTTAAAAC ATTCCTCGCT TTCCGTTTCT TATTTAAATC CCGAAGAAGG

162301 GAGATGTGTT CTTACTATAG AGCAGATTGA AAGAGCTGTG ACTCCTAAAA

162351 CTTCAGCAAT CATCTTAGGT TGGGTCAATA GTGAGACTGG TGCCAAAGCT

162401 GATATAGCTG CTATAGCCCA CTTCGCGCAA GAACGACAAT TGCAATTTAT

162451 TGTGGATGCG ACTGCAAATG TAGGTAAGGA GAGGATAGTT CTTCCCTCTG

162501 GTGTCACTAT GGCAGCATTC AGTGGACATA AATTTCATGC ACTCTCTGGA

162551 ATCGGAGCTC TTCTGGTCTC TCCAGGAGTC AAACTACATC CTCAGCTGTG

162601 GGGAGGAGGT CAGCAAGGAG GGCTGCGCGC AGGCACAGAA AATCTTTGGG

162651 GAATCGCCTC TCTGCTTTAT ATTTTCAAAT ACCTAGATCT TCATCAAGAG

162701 CGTATCTCTC AGGAAATTCT TACCCATAGA AATGGTTTTG AAAAGGCAAT

162751 CAAAGCACGC ATTCCTGATG TCCATATTCA TTGTGCGGAT CAACCACGGG

162801 CAAACAACGT CTCAGCAATT GCTTTCCCTC CGTTGGAAGG TGAGGTATTG

162851 CAAATCGCCT TAGATATAGA AGGAGTGGCT TGTGGTTATG GATCCGCATG

162901 CTCTTCAGGT GCTACCGCAC CCTTTAAATC TCTTGTCAGC ATGGGTGTTG

162951 ATGAAGAGTT GACCCTGGCA ACACTCAGGT TTTCTTTTAG CCATCTTCTC

163001 TTGCAAGAAG ATGTTGAAAG AGCCGTTGGA ATTATAGAAA AAGTCGTAGA

163051 ACGTTTGAAA AATTCCTAAG TCTTAAAAGA GAACATGTTT CTAAGCTGAA

163101 AGAACACTCC TGACTCTTAT TGCAGAATCT ATGAGAGTAA GTTTTTAATC

163151 GATACGGTTT TTATCCCAGA TAAAGACATC TCTTTAACTT CTAAAAGCAA

163201 GTTGTTGATA ATTACAGAAG TTCCTACTTC TGCAGGACTG TCTAGCAGTT

163251 GCAATACCAA TTGGGCTAGG GTTTCTACAG GATATTGCGG AAAATTGAATA

121

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163301   TCGAGTTCTT TTTGCAGATC TTTTATGCGA GAGTTGCCAG GAAACGTTCT

163351   TTCAATAACA GAGATGGTCT TGGGTTTTAA ATGAGCAATG TTTGTAGTGT

163401   TGAATAAGAT TTTGAAAATT GCATTTAAAC TAAGAATACC TATAGGTTCA

163451   CCAGAAGCAT TGAGGACAAC AGCAACACTC GAACGGTTGT CTCGAAACTC

163501   TTTGAGGATA CGAATAAGTT TTGATTTTGC AGTGATAAAC CAAGGCGAGT

163551   GTAGATTATT GATTAGGGGT TCATCAAGAG CTTTATTGAC AAAGTCTTTA

163601   GGATGGGCAA TCCCAATAAC GTTTTTTCGG GCCTTGTGAT AGACAGGAAT

163651   AAAGTTGATA TCTGTATTTT TTATAGTCCG GCAAAAATCT TTAACATTTG

163701   CAGAAGAAGG AAGCATGGTA ACCTGTTCTA AAGGTTGGCA TACCTGATCT

163751   GCACAAGTCG CACTTAAAGA GAAAATATTT GTAGCAATTG TATTGAAATC

163801   TTGTTCTTCA TGGTGAGTCT CTAAAGCTTT TTGGAACTCG TCTCTACTTA

163851   ATGTAGAGTT CAATTTTTCT TTCCTAATAT TTAGAAGATA GTAAAGACCC

163901   TCAGTGAGAC TTCCTATGAG CTGAATCAGA GGATAGAAAA TATAGTGGGA

163951   ATAATAGAGA ATCGGTGCTC CCCAAAGTGC TAATTTTTCA GGAATCTTCC

164001   GTGATATTGT TAGAGGTAGA AGTTCTGCAA AAATCACAAC TATAAAAATT

164051   TGAGTGAAAG GAGCGTAATC TGGAGTGATT CCTAAAGCTC GATAGCAATT

164101   TCTTGAGGAC TCAGACCCGA CTTGTAGAGC GATATTCACT CCTAACATCA

164151   CCGTTCCAAA TAAACGATAG GGGCGGCGAA TCAGGAAATT AATGTAGCGA

164201   GCTTTCTTAT GATCTTTAGT CAGATAGTAT TGCAATCGTA CACGGTTAAA

164251   TGACACGCAG GCCATTTCCA TCATCGAATA GAATCCTTGT AAGACAATAC

164301   AGATAATGTT GACTCCTATC CAAAAGAGAG CAGAATTAGT CATACAATTT

164351   CCTTATATAC ACACGGCGAA TGCGATTCGG AGCAGCGTCT AATACCTGGA

164401   AAAGCAAGTT ATTCCAAGAG AGTTTCATTC CTGTTGTCGG AATCGTTCCG

164451   ATTTGCTCTA TTAACCAGCC TCCTATAGTC GCAATATTAT TGTTCGTCGG

164501   TAGGTTGATA TCGAAGATCT CACTAAACTC ACGGAGTTCT AAAGTTCCTG

164551   AGGCAATAAT AACATCAGCT CCTGAGGTGG TATAGAGTAT TTTATTATCT

164601   CTCTGGTCTA CAATTTCTCC AGCAACAATT TCAAAGAGGT CTTCTTGAGT
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122

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164651   GATCAATCCT TCAATAGATC CGTATTCATC AATGATCATC CCTAGGGTTT

164701   CGTCTTCAGC TGCCATCTGA CATAAAGCCA TTTTTGCAGA GATGGTTTCT

164751   GGCATATAAT ACGGTTTTTT CAGCAAGGGG AGGAGATCAT CCGAAGATTG

164801   CAGTGGCTTG TCATGTAAAA GAAGAGAGCG CGCTGTGCAA ATGCCCAGAA

164851   GGTTTTGGAG GTTATCGTTA CATATAGGAA CTCGTGAGCA ATGCTGTTTA

164901   GAAAATAAAA GATAGAGGTT CTCTAAAGGG GTTTGGATAT CATAAAATAA

164951   AATATCCTGG CGTGGCTGCA TACGCTCTTT AACACTACAA TCACTAAGAG

165001   AAAGATAACC ATAGAGTAAA CGGCTTTCTT CTTGATTGAC TACGCCGAAA

165051   TCCTTACAAC TTTGCAATAC TTCCTTCAGC TCTTGGGGTT GGATGATATC

165101   AATCTGTTGC TTCGATAAAA TCCATTGGAC CACATAATTA ATTCCTACGA

165151   TACCCCAGTG GAGTAGGGGT TTGAAGATTT TAGTAACACA AAGAATAAGA

165201   GGGGCTACGG AACTAGCAAT CTGTGTATTA AAAGGAAGAG CTACTGCTTT

165251   AGGGAGAATC TCACCTAAGA TCAAAGTAAT TGCTAAAGGA AGACCTACAG

165301   TAAACCACCA CGAAGCTGCA TCTCCAAATA GAATGGCAAA ACAGTTTTGA

165351   ATAGCAATAT TCAGTCCGAT ATCACAAAAA ATTAAGGTGA TGAGCAGGTG

165401   GTGGGGATGT AGAAGAAGGG TAGCTACTCG CTGCTGTTTC TTAGATTTAG

165451   AGCGCTTATA GTGCGAGATC AAACTCGTAG GCAAAGAAAA CAAAGCAATT

165501   TGAGATAACG AAATGAATCC CGAGCATAAA GTAAAACAGA TAATGAAGAA

165551   CATTAACATG GTAGGAATCA TGGTCTCTTT TCAGTCCTTA TTTTCTGATT

165601   GTTGCTTTGG GGAGACACAG AGTTCTTAT AGCCTTTAGG AATGAGACCC

165651   AGACGCTGGA TTAAAGCAGC TTCTATAGCA GCGGAGTCTT GCCAGTGTTG

165701   CAGATGTAAT TGGAGTTGAC GCTGCTTTTC TTGAGCAGAA AGAATGTCTT

165751   GGCATAAAGA AGAGACCTTG CTTTGTAAGC GTAGCTCTTC TGTACGTAAC

165801   TCCTGGATAG CACGATCATA AACAAAGCCT CCAATTAAGA TGCTAAAGAT

165851   CACCCACCAG GATTTGATCA TCACTTCTTC TAGTAATCTA AAACCCCAGT

165901   TTTTTTTTCT TACTGAAACT TTAGACACAA GGTACGGTGA TGCCTTGTTG

165951   CTTTTGATAC TTTCCTTTTC TGTCTGCATA AGAAACCTCG CAGGTCGTAC
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123

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166001  TAGACTCAAA GAATAAGACC TGGGCAATCC CTTCATTAGC GTAAATTTTC

166051  GCTGGCAATG GCGTAGTGTT AGAAATTTCT ATAGTCACAT GCCCTTCCCA

166101  TTCAGGCTCA AAAGGTGTGA CATTTACGAT AATTCCACAG CGTGCATATG

166151  TAGACTTTCC TATACACATT GTTAAGACAT TTCTAGGAAT TCGGAAATAC

166201  TCAACGCTAC GAGCTAGAGC AAAAGAATTT GGAGGAACAA TACAGACGTC

166251  ATCAGTAATA GAGATGAAGA TATCCTCAGT AAAGCATTTT GGATCAACAA

166301  CAGAGTTATA GACATTGGTG AACACTTTGA ATTCTCGAGA TAGGCGGAGG

166351  TCGTAACCAT AACTCGATAG GCCGTAACTT ATAAGTTTTT CGCCTGTCTC

166401  CTCATTTACG TTCACTTGGC CATTAACAAA GGGATGGATC ATATCGGCAT

166451  TTAGGGCCAT CTCTCGTATC CACTTATCTT CTTTTATGCT CATTTAGAAA

166501  CCTTAACAGT TTGAAATTGC TTTCTTAATG ATATTCTGTT TTTCAATTTA

166551  CTGGTTTTTG GGGGGAACTT TTCTAAGTAT AAGATAGACT TTGATTATCT

166601  CTTGAAAAGA CCAGTTGTAT AAACAAGAAA AGCCTATCCC AAAGGCTACA

166651  ATTTTATCAC GAAACCTAGA GGTAATGTTA GATAATCCTA AGGGAAAAAG

166701  GCAAACCTTA TTTTTAGGGA GAACTTCAGG TAGGTCTGCT CTTTACTCTT

166751  ATAGTAGAAG AATCTTGGTT CTCTTGAATG CATTCATGCG AGGACCTTGA

166801  TAAGAACTTC TTGGATTCAT AAAAAGATTA ACATCTCCTT ATTGATAAGC

166851  TAGAGAATTT TTACTACCAA CTTCTCAGTG GAAAATGTTT TTAAAAATAG

166901  TTCGCCATCT TTAATTTATC TGTTTTAAGA CAAAAGAAAT CTAGATCACC

166951  ACAGGAAGTT TAAATCATAA AATGAAAATG ATGGAGAGGT TCTAGTGCTC

167001  GTACTTTGGC CCTGCTCTCC TTGATAGAAA GAAGAGGTCC ATAGTGTACT

167051  TCTATATAGT ATCTCGTGTA CTATGCCGAG TATAACCGAT CGGCGTTATC

167101  GATGAGAGTT TCAAAAAAAT ATAAATCCA CCTAAAGAAA AAGCGATAGA

167151  GAAGGTTCGT ACATGACGCA TCAAGTAGCT GTCTTGCATC AGGATAAAAA

167201  ATTTGATGTT TCGTTAAGAC CTAAAGGGTT AGAAGAATTT TATGGACAGC

167251  ATCATTTAAA AGAACGCCTA GATCTATTTC TTTGCGCAGC ATTGCAACGA

167301  GGAGAAGTTC CAGGACATTG CTTGTTTTTT GGACCCCCAG GCTTAGGGAA
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124

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167351  AACCTCACTT GCTCACATCG TTGCCTACAC CGTGGGGAAA GGGCTGGTCT

167401  TGGCATCAGG GCCTCAGTTA ATCAAACCCT CGGACCTGTT AGGACTTTTA

167451  ACTAGTTTGC AAGAAGGGGA CGTGTTTTTC ATCGATGAGA TCCATCGTAT

167501  GGGGAAAGTT GCTGAGGAAT ACCTGTATTC TGCAATGGAA GATTTCAAAG

167551  TCGATATTAC TATAGATTCA GGACCCGGAG CTCGCTCGGT CCGTGTCGAT

167601  CTTGCTCCTT TCACTTTAGT GGGGGCAACG ACTCGATCAG GAATGCTAAG

167651  CGAACCTTTA AGAGCACGCT TTGCTTTTAG TGCGAGACTT CCTATTACT

167701  CGGATCAAGA TCTAAAAGAG ATTTTAGTCC GCTCCTCACA TTTACTCGGA

167751  ATCGAAGCTG ACAGCTCCGC ATTACTAGAA ATTGCTAAGA GATCCCGAGG

167801  GACGCCACGA CTGGCAAATC ATCTTCTACG TTGGGTCAGA GATTTTGCTC

167851  AGATCCGAGA AGGAAACTGT ATCAATGGGG ACGTAGCAGA AAAAGCTTTG

167901  GCTATGCTAT TAATAGATGA TTGGGGATTG AATGAAATTG ATATCAAACT

167951  TCTCACTACA ATCATCGACT ACTACCAAGG TGGTCCCGTT GGAATTAAAA

168001  CCTTATCGGT AGCTGTGGGA GAAGATATCA AAACTCTTGA AGATGTTTAT

168051  GAACCGTTTT TAATTTTAAA AGGTTTTATC AAAAAGACTC CCAGAGGCAG

168101  AATGGTAACA CAACTTGCTT ACGACCATTT AAAAAGACAT GCAAAGAACT

168151  TATTGAGTTT AGGAGAAGGA CAGTGAAACT ATTGAAAAAC GTACTTTTAG

168201  GTCTTTTCTT CAGTATGAGT ATCTCAGGAT TCTCAGAAGT AAAGGTATCC

168251  GATACTTTTG TGAAGCAGGA TACTGTCGTT GAACCTAAAA TTCGTGTCCT

168301  TTTATCTAAT GAAAGCACCA CAGCTCTCAT AGAAGCCAAA GGTCCTTATC

168351  GCATTTATGG AGATAATGTC TTATTAGACA CAGCGATTCA AGGCCAGCGT

168401  TGCGTGGTCC ACGCTCTATA CGAAGGGATC CGTTGGGGAG AATTTTATCC

168451  CGGACTCCAG TGTTTAAAGA TCGAGCCTGT AGATGACACT GCTTCTCTTT

168501  TTTTTAACGG GATTCAGTAT CAAGGTTCCC TATACGTTCA TCGTAAAGAC

168551  AACCATTGCA TCATGGTTTC TAACGAAGTT ACAATCGAAG ATTATCTGAA

168601  ATCTGTACTT TCTATAAAGT ACCTTGAAGA GCTAGATAAA GAAGCTCTAT

168651  CTGCTTGCAT CATTCTAGAA AGAACCGCTC TATACGAAAA GCTCCTTGCA
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125

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168701  AGAAATCCTC AAAACTTTTG GCATGTTAAA GCTGAAGAAG AAGGGTATGC

168751  AGGATTTGGT GTGACCAAGC AGTTCTATGG TGTAGAAGAG GCTATAGACT

168801  GGACAGCTCG TTTAGTTGTG GATAGCCCTC AAGGATTAAT TATAGATGCA

168851  CAAGGGCTCT TGCAGTCCAA CGTAGATCGT CTTGCTATAG AAGGATTCAA

168901  TGCACGTCAG ATTCTTGAGA AGTTCTACAA GGATGTGGAT TTTGTAGTTA

168951  TAGAATCCTG GAATGAAGAA CTGGACGGAG AGATCAGGTA ACCTCTTTCG

169001  CATGGCTGAT CGCAATTAGC GTGGTATGGG GCTGTAGCGA CACTGTCGGC

169051  GTTGCTACAT TTTGAGGGAC AAACCCTTGC TGACTCTCGG CAACTATTTG

169101  ATAAGGAAGA AAGTTGCTGG AGGCTTTAGG TAAGGTCGCA AGTTGGTCTT

169151  GAGCTCCCAC GTGAAAAGCA ACATATACAT GCGCTTTTGG CGATTTTATT

169201  TTAAATGCTA AGAAATTTCC AGGGCGCCAT GTCATGGGAT TTCCCATAGC

169251  ATCTACCCAA CTGATTTCCT TATTGGAAAG AAAGCCTCGA TTAAAAAGTG

169301  TTTTATATTT TTTTCGAAAC GCAATGAGAT CACAGAGAAA GTGCATCAGT

169351  GTAGGCTTTG CGGTAAGCTG ATCCCAAAGG AAGTAATTCG CATTCGAATC

169401  CAAAGCCCAA CGGTTGTTAT TGCCTTCCGC GGTATGGGCA TACTCATCTC

169451  CTGATTGAAT CATCGGAATG CCTTGCGAGA CCATCAAAGT AAGGAAAAAA

169501  TTTCGTAACT GTCTTTCACG AACTTCAAGA ATGCCAGGGT CTTCTGTTTT

169551  CCCTTCCGTT CCGAAATTGT AGCTGTAGTT CGCATCTGTG CCGTCACGAT

169601  TATCCTCTCC GTTAGCCTCA TTATGTTTGT GGTTATAAGT CACAGTGTCA

169651  CATAACGTAA AACCATCATG GCAACTGACA TAGTTAATCG AATTTGTAGG

169701  CGAGCCGTGA GGATAGATGT CTTGAGATCC TGAAATTCTA GAAGCAAAGG

169751  TTCCTATGAG ATTTTGATCC CCATTAAGAA ATGCTTTCAC GTTATCACGA

169801  TACGGGCCGT TCCATTCACT CCATCTTGGA GACAGTGTGG GGAAATAGCC

169851  CACCTGATAC AAACCGCCAG CATCCCAAGG CTCAGCTATA ATCTTTGTGC

169901  TCGCAAGTAA AGGATCAAAA GAAATCGCCT CTAAAACAGG AGCGAATTGT

169951  AGGGGAGATC CCGAAGGACC ACGAGAAAG ACAGAAGCAA GATCAAATCG

170001  GAACCCATCG ACATGCATTT CTTCTACCCA ATAACGTAAG ATGTCGAGAA
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126

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170051  TCCATTGGGT CGTGGGGGCG CGGTTTGTAT TGAGAGTGTT TCCACAGCCT

170101  GAATAATTTG TAAAGTGACC TTGTGCATCT AAAATATAAT AGCTCGGAGT

170151  GTCTATCCAA GGCAAAGAGC AGGTCGTCCC TTGCAAGCCC GTATGATTAA

170201  AAACAACATC AAGAATGACC TCAATACCTT CTTGATGCAA GGTCTTTACT

170251  AAAGTTTTAA ACTCTCTACT TGGAGCGCAA GGATCAGAGG CATAAGCATA

170301  ACGTCGGCAA GGAGAAAAGA AATTTAGGGG AGCATAACCC CAATAATTGC

170351  ACAGATAAGG GAATTTCGAA TTTCTAAAAG GATGCGCAGT CTCATCGAAC

170401  TCAAAGATAG GTAAGAGTTC AACAGCGTTG ATTCCCAGCT TATGCAGATG

170451  GTCGATCTTT TCAATGATTC CTAGGAAGGT TCCCGGAGCA TGAACCCTAG

170501  ATGAAGAAGA TTGCGTGAAG GAACGTACAT GCATCTCATA GATGATCATC

170551  TCTTCTTTCG GCAAATGCAG AGGCTGATCA CCATCCCAAG GAAATGGTTC

170601  TTCCTTTAAA TAACAAAATG CATAATCCCC CTGTTTCTTT CGCGAACCAA

170651  AACTCTGTGG GGAATGAATA TTCTTCGCAT AGGGATCTGC AAGATATTCT

170701  TTAAAGAGT ATTGCATTCC ATGCTTTTTA GGCCCATGAA CACGAAATGC

170751  ATAAGACGAT TGATCAGAAA TACCCTCGAT CTCTATATGC CAAATCGCAC

170801  CCGTGCGGTG TGTATCGGGG TAAAGAGGGA CTTCTATGAC TTCTGAATTT

170851  TCGTCTGTTA AAGCAAGGAT GACTTCGGTA GCTTGTGAAG CATATAAAGC

170901  AAATCGATAG CGGTTTGGGG AAATTTTAGA AGCCCCAAGA GGTAAAGGAA

170951  CTGAGGGATA AGAAGAAACT TTTTCCATCG TCGATCAGAT ATCATAACGG

171001  CGCCAGAAAT ACAAGGGAGT TTTTGATTTT AAGCCTCTGA AATCGTTTAC

171051  TAACAAATCA CTCTTATGGT AACTTGAAAC AACAACAATC TATTACAAGG

171101  AGATTCCCTC ATGTCCAGGC AAAATGCTGA GGAAAATCTA AAAAATTTTG

171151  CTAAAGAATT AAAACTGCCG GATGTAGCTT TTGATCAGAA TAACACGTGC

171201  ATTTTATTTG TTGATGGTGA GTTCTCTCTT CACCTTACTT ATGAAGAACA

171251  TTCTGATCGT CTTTATGTCT ACGCTCCTCT GTTAGATGGA CTCCCTGATA

171301  ATACTCAGAG GAAATTGGCC TTATATGAGA AATTATTAGA AGGATCTATG

171351  CTTGGCGGTC AGATGGCTGG AGGTGGAGTA GGTGTTGCTA CTAAGGAACA
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127

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171401  GCTCATTCTC ATGCACTGCG TTTTGGATAT GAAATATGCT GAAACGAATT

171451  TACTAAAAGC ATTTGCTCAA TTGTTTATTG AAACTGTTGT TAAGTGGCGT

171501  ACCGTGTGTG CTGATATTTG TGCTGGTAGA GAACCTTCTG TAGATACAAT

171551  GCCACAAATG CCTCAAGGCG GTGGTGGAAT GCAACCTCCT CCTACAGGTA

171601  TTCGTGCTTA ATTAAGCATA TAAGTACTAC ATCTTTTTTC TAAATTTAAA

171651  AGATTGATAA AGCTCTTCTT AGAGAAGAAA TGACTTTATT GACTTCTCGT

171701  TTTTGTCCTG AATCTGTTTT GAGAAGTTCT TAAGATGTAT TAATTAAAGA

171751  AGTATTAAAA ATAGAAATCT AAAGGCTATC TTATGATGTT TGGGCATTTT

171801  GCTGGTTACC TTGGAGCAGA TCCTGAAGAG CGAATGACTT CCAAAGGAAA

171851  ACGTGTGATC ACTCTGAGAC TGGGAGTGAA GACTCGAGTT GGAATGAAAG

171901  ATGAAACTGT TTGGTGCAAA TGCAATATTT GGCACAATCG CTATGATAAG

171951  ATGCTTCCTT ACTTGAAGAA AGGCTCAGGA GTCATTGTTG CTGGCGATAT

172001  CTCTGTAGAG AGTTACATGA GCAAAGATGG TTCACCGCAA TCTTCTTTAG

172051  TGATTAGTGT AGATTCTTTG AAATTCAGTC CTTTCGGTCG CAATGAAGGC

172101  AGCCGTTCTC CATCTTTAGA AGACAATCAT CAGCAAGTGG GATATGAATC

172151  TGTATCCGTA GGGTTTGAAG GTGAAGCACT GGACGCAGAA GCTATTAAAG

172201  ATAAAGATAT GTATGCTGGT TATGGTCAAG AACAGCAGTA TGTCTGTGAA

172251  GATGTTCCTT TTTAATTCCT AGTCATTAAA GGAGAGTTTG TGGTTTTATT

172301  TCATGCTCAA GCCTCTGGGC GTAATCGTGT TAAGGCAGAT GCTATAGTCC

172351  TGCCCTTTTG GCATTTTAAG GATGCAAAAA ATGCAGCTTC TTTTGAAGCC

172401  GAGTTTGAAC CCTCGTATCT CCCCGCTTTA GAAAACTTTC AAGGAAAAAC

172451  CGGGGAGATT GAACTCCTTT ATAGTAGTCC TAAAGCTAAG GAAAAACGCA

172501  TTGTCCTCTT ·AGGCTTAGGG AAAAATGAAG AGCTCACCTC TGATGTTGTT

172551  TTCCAAACCT ATGCGACACT AACTCGTGTC TTACGTAAAG CAAAGTGTTC

172601  CACAGTCAAT ATCATCTTAC CTACAATTTC TGAATTGCGG CTTTCTGCCG

172651  AAGAATTCTT AGTGGGGTTG TCCTCAGGAA TTTTGTCATT AAACTATGAC

172701  TACCCACGTT ATAATAAGGT AGATCGTAAT CTTGAAACTC CTCTTTCTAA
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128

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172751  AGTCACGGTT ATCGGTATCG TTCCCAAAAT GGCGGATGCT ATCTTTAGGA

172801  AAGAAGCAGC CATTTTCGAA GGCGTATATC TCACTCGAGA TCTTGTGAAC

172851  AGGAATGCTG ATGAAATTAC CCCTAAGAAA TTGGCAGAGG TTGCTCTGAA

172901  TCTGGGAAAA GAGTTCCCTA GTATTGATAC TAAGGTCTTG GGAAAAGATG

172951  CCATCGCCAA AGAGAAAATG GGACTCCTAT TGGCTGTTTC CAAGGGTTCT

173001  TGTGTGGATC CACACTTTAT CGTTGTCCGT TATCAAGGAC GTCCTAAGTC

173051  TAAAGATCAC ACCGTCTTGA TAGGGAAAGG GGTCACTTTT GACTCTGGAG

173101  GTTTAGACCT CAAGCCTGGA AAATCCATGC TTACTATGAA AGAAGACATG

173151  GCAGGTGGGG CTACAGTCCT CGGGATTCTC TCGGCGTTAG CAGTTTTAGA

173201  GCTTCCTATA AATGTCACGG GGATCATTCC TGCTACAGAG AATGCTATCG

173251  ATGGCGCCTC CTATAAAATG GGAGATGTCT ATGTAGGAAT GTCGGGGCTT

173301  TCTGTTGAGA TTTGTAGTAC CGATGCTGAG GGACGTCTTA TCCTCGCTGA

173351  TGCGATTACA TATGCTTTAA AATATTGTAA ACCGACACGT ATTATAGATT

173401  TTGCAACTCT AACAGGAGCT ATGGTAGTCT CTCTAGGAGA AGAGGTTGCA

173451  GGTTTCTTTT CCAATAACGA TGTTTTAGCT GAAGATCTTT TAGAGGCGTC

173501  AGCCGAAACC TCCGAGCCGT TATGGAGACT TCCTCTAGTT AAGAAGTATG

173551  ATAAAACATT GCATTCTGAT ATTGCTGATA TGAAAAATCT AGGCAGTAAC

173601  CGTGCAGGGG CTATTACAGC AGCATTATTC TTGCAGAGAT TTTTGGAAGA

173651  ATCTTCGGTA GCTTGGGCAC ATCTTGATAT TGCAGGTACT GCATATCATG

173701  AAAAAGAAGA AGACCGTTAT CCAAAATATG CTTCAGGTTT TGGTGTTCGT

173751  TCTATTCTTT ATTACTTAGA AAATAGTCTT TCTAAGTAGT TGCTTTCTAT

173801  TTATTTATGT TTTAGTAATG ACTTTTATTT TAGTTTTTTT AAAATAAAAG

173851  TCATTTTTTT TATTAAAGTT TTCAATCGTC CCTGCCGATA GATCAGGTAA

173901  GTAATTACCT GTCTAATTAG GGGAATAAAG ATGATTGGAG CGCAAAAAAA

173951  GCAAAGCGGT AAAAAGACAG CTTCAAGAGC TGTACGGAAG CCTGCTAAAA

174001  AAGTTGCGGC TAAACGTACG GTTAAAAAAG CTACTGTTCG CAAAACCGCT

174051  GTAAAAAAAC CTGCAGTTCG TAAGACGGCT GCTAAAAAGA CAGTAGCAAA
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129

174101 GAAGACTACA GCTAAGAGAA CAGTTCGTAA GACTGTTGCT AAGAAGCCTG

174151 CAGTTAAGAA AGTTGCTGCT AAACGTGTAG TAAAAAAGAC AGTAGCAAAG

174201 AAGACTACAG CTAAGAGAGC GGTTCGCAAG ACTGTTGCTA AGAAGCCTGT

174251 AGCTAGAAAA ACTACAGTGG CTAAAGGTTC TCCTAAGAAA GCTGCAGCCT

174301 GTGCTTTAGC ATGCCACAAA AACCATAAGC ATACATCTAG TTGTAAACGT

174351 GTCTGTTCTT CAACAGCTAC GAGAAAGCAT GGCTCTAAAA GCCGTGTTCG

174401 TACAGCTCAT GGCTGGCGTC ACCAACTGAT CAAAATGATG TCTCGATAAT

174451 TTGTGATTTT CGCATTATTG CTCATGTTAA CGGGAAAGGG AAACATTGGG

174501 TTTCCTTCCC GTTTTTCTTT TTAAGGTTAA AAAGCTTTAT AGAGCGAGAT

174551 CTTCAGGCTT CATGCTGTAC AGTTGGTAGG AAAATACGTA TAGTAGGTTC

174601 AGGATACTAC TTTTTTGACT CTACCTATGC AAAAATCCTT AACGAGTTTT

174651 GATGACTTTT CCCAGGCGTA TGCAGAGAAA GTGCCCGCTA TAGCTCTTAT

174701 AGGGAGTGCT TTGGAAGACG ATAAAGATGC GCTGATTGAA TTATTAGTCT

174751 CTGAGAGCTT CAAAGAGCTC GGTGGTCAGG GACTCATGCC AGCAACCCTC

174801 ATGTCTTGGA CCGAGACGTT TGCACTCTTT CAAGAGCATG AAACTTTGGG

174851 GATTATTCAT GCAGAGAAAT TCCCTCTAGC AACTAAGGAA TTTCTAAGCC

174901 GCTATGCTCG GAATCCTCAA CCTCACCTTA CGATTTTGAT CTTCACCACA

174951 AAACAAGAAT GCTTTCGAGA ACTGTCAAAA GCCTTGCCAT CGGCTCTTTC

175001 TTTGAGTTTA TTTGGTGAGT GGCCCGCAGA TCGTCAGAAA AGGATCATAC

175051 GCCTCCTGTT GCAAAGAGCT GAGCGTGTGG GGATTTCTTG CTCTCAATCA

175101 TTGGCATCTT TGTTTTTGCG TGCACTTGCT TCAACCTCTC TTCCTGATAT

175151 TCTCAGTGAA TTCGATAAGC TACTGTGCTC TGTTGGCAAG AAAACGTCCT

175201 TGGATCACTC TGATATTAAA GAGCTCGTTG TCAAAAAAGA AAAGGCTTCC

175251 CTATGGAAAT TTCGAGACTC TCTATTGAAG AGGGATCCGG TAGAAGGTCA

175301 CCAGCAGTTG CATTTTCTAC TCGAGGATGG TGAAGATCCC TTGGGGATTA

175351 TTACTTTCCT TCGTACCCAA TGTCTCTATG GTTTACGTAG TATTGAAGAG

175401 GGATCGAAAG AAAATAAACA CCGAATGTTC GTCCTTTATG GAAAGGAGAG

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175451   ACTACACCAA GCCTTAAATT CTTTATTTTA TGCAGAAACC TTAATTAAAA

175501   ATAATGTCCA AGATCCTATA GTAGCTGTGG AAACTTTAGT GATTAGAATG

175551   GTTAACCTGT GACTTTATAT CTTCTTCCCA ATACTCTCGG TACCCGTGCT

175601   GTAGAGACTC TCCCCTCCGT TATAGGAGAA TTAGTTCATA GACTAGATGG

175651   GCTGATTGTA GAAAGTGATC GTGGGGGTAG GGCATTTCTA AGTTTATGGA

175701   AAATTCCCGA AGTTCATAAA TTTCCTCTTG CTATTCTTAG TAAACATGCG

175751   CGCCTCCCTA AGGCTTGGGA TTTTTATCTA GAGCCTATCG TAAAACACGG

175801   GGAGAATTGG GGACTGATCT CTGATGCGGG TCTTCCCTGT ATTGCAGATC

175851   CTGGAGCGAG TTTAGTGCGT CGTGCACGTG CTTTGGGGAT TCCTGTGCAG

175901   GCTTTTTCAG GTCCCTGTTC GATAACGTTA GCGCTCATGC TTTCAGGCTT

175951   GCCTTCCCAG AGCTTTACGT TTTTGGGATA CCTCCCGCAA AGTCCTAAGG

176001   AACGTGTAAA GTCGATAAAA AAGGCAGCGA CCTCCAAAGA GGTATCTACT

176051   TCAGTATGTA TAGAAACTTC TTATCGTAAC GTCTATACTT TTGAGTCTCT

176101   TCTAGATACT TTACCTTCCT ATGCGGAGCT TTGTGTTGCC TCTGACCTTT

176151   CGGGCCCGAG TGAACTTGTT CTCACACGCC AAGTGCAATC ATGGAGAACT

176201   ACTGAGGACT TAGGTTCTGT GAAGCAAAGT ATAACCAAAG TCCCAACAAT

176251   ATTTCTTTTC CACATCCCGA ATTAATTTTT TCTTAGCTTG TTTTATCCCC

176301   GGTATCATTG TCAGGAGTTT CTTAGCATGT AAGCTCTTCG GGGATATTTT

176351   TCTTGTGATC ATAAGCAAAA ATTAAAGGTT GCATGATTCT AAATAGCGCA

176401   TAATCATAGG TTTGCGTCTT TTTAAAATAA TCGTAATCCT CTATTGCGTG

176451   TTATCAATAC TTATTTTATA ATCTTTGCCA AATAAGTTTA GAGCGTTGAT

176501   GACAGCACCC ACAGAATCTC GATCTTCACC ACCAACACTA CTCGAAGAAA

176551   CGGAACCTCT ATCCCCAAAT CCTATTCCCG CCGATATCCA AATCCCGAGA

176601   ATTACAATAT CTCCTCCTTC TCTAGACGTA TCAACAGTTG CATCTTCGGC

176651   TGAAGATATC TCGGTCTTCA TTGCAGGAGG CCCTAGAAGT TCTTCATCTG

176701   CTTCTGTGGC TTCGGATGTG TATGAGTTGG TTTGCCTTTG TGGCGGTGAT

176751   GAGGATCCTG AGCCCCCAGA TTCTGAGGTA CGTACTCTCT ATGTAAATGG
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176801  AAGTTGGCAA ACGCATCAAG AAGCTGTACA GGAATTGCTG TATATTAGTG

176851  AAGTACGGGG AGAGGCCGTT CGTCTTCTCT ATAACGATGG AAGCGGCATG

176901  TCTCCTTGGC CCATCAGTCC TTGTCGTACT CTTCCTACTC TCGATCATCC

176951  TTTATGTCAG GCCCTTTTGA CGGTTTGGGA ACAGTTTTTC TCTGCTCCTG

177001  AAAATCAGAA TCGTGAGTTT CTAGTGATTT TCTATGGGGA TGCATCGCCT

177051  TATATACAAC AGGCGTTAAC GCAATCTAGG CATAGTCCAC GTATTGTTGT

177101  TGTAGGGATT TCCCCGACGG TCTTTATTCA AGGAGACTTT AGGGTCCATA

177151  ATTACCGTGT TTCTGGAGAC TTCTTTAGTT CTCTGGATTG TCGGGGAACT

177201  AGGGCGGAGA ACACCACGAT ACTGCCGTAT TCTTCGGGTC TTGAGGGTGT

177251  TTTTCTGCCT TCTATCCGTT GTCCTTCTTT TACTTGGGCG GTGCGTTTTG

177301  GAGAGCAATG CTTGGTTGCG AATAGGGGTG AGGATGTAGA AGATAGGGGA

177351  GGTCTTTCTC AAGATGCCGA AAGATCACAG TTACCACACA GTGAAAGAGA

177401  TCTAGCTGTT GTCATTGATT CTACGGATCC TAGTTCTATG AGTAGGCTTG

177451  TAGAATGGTT GAATCAAGGA TCGCCTTCAT CAGATATGGA AATCAATCCC

177501  TATCCCCAAC GGTGTCCTGA TGTAGCTCTT TCTGCGCTTT ATGCAATTTC

177551  TAGAGTTTCA GGACTTGCGC AGGAATGGAT CCTAGCCTCT GTTCATGAGG

177601  GCTTAGACTT GCAGATCTGT TACTCTTTAA TTTTGATGCA CACGACGTTT

177651  GCGGTCCGGT ATTTTTTCTT ACTCTTTACA AATTATCCTC AGTCTAGAGA

177701  GAGATTCCGT ACTGCACGAA TCGTAGCACA ATCTCTATAT TTACCAAGCA

177751  TCCTTGTTCT TGTTTTTGAT TGTGGCAACG TCCTGCGTAA ACTATGGATG

177801  CCTCAGGAAA TCTTACGAGC AATTTTTATT TCTGCGTCTA CAATTTCAGG

177851  GAGTATTGTC TTTGTAGAGT GCACTCGCTG GATGGGGCGA GGTCTTAGAC

177901  ATCGTGTACA ACAATTTGTG CAGCAACGAG TTATAGGAAG TGGCCTGCCT

177951  GTAGGAACAG TACGAGCTTC TTATCGCGAT CGTGCAGGCT TTATCATAGG

178001  CTTTTTACAA ACTGTACATG GAGGACTTTA TTTGCCGGTA TCCATTATGG

178051  TGCTTAACCA GATTGCAATA CAAGTTCCAC GTATCTTAGT ACGTCCAAAT

178101  AACACTGCTG TTTATGATCT ACATAATAAA AGTGCTGAAG AAAATTGGAG
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178151  CAGTGGTGAT GTATTAGCTG TTGGCCAAAC ATTAAACTTC ATCTTATGTG

178201  CTTTCGTCTT GTTCGTAAAT CTATGGTTCT TTGTGAAGTC CGTATTACGC

178251  CATTCTAGGC GTCGTCGTCG CTAATGTATC TTTGGAGACA TCTTGGTATT

178301  TTTAACATAA GAGCACGGCA AAAAAAAGAA AGACCGAGAA AGAAGCTTTA

178351  CCTTTAAGAG TTCTCTGATG TTTCCCGGAG CATCAGGAGT CCGAAGGGCA

178401  GAGTCTAGGT TTTAGCCTTC CGCAGGGATT AGAAGGAATA TCCCATAATC

178451  TCTTCCGCTA TTGTATCGTG GAAGAGACGG CCCTGTCTAT TTAGGGCAAG

178501  ACATTGTCCA TGCACACTGA ATAGGTTTTG TAATTTTACA TCTTGCGTAA

178551  GCATGGAGAT AAGTGTGGAG GGGAACTCCG CGAGGTCTGC TCCTTCAAGG

178601  AGTCGGAGTC GCAGGGCTAA GGCTTCTTTG ATTCGTTCTT TTTTTGGGAG

178651  AATTTCTGAG GTCTCTTGGG TAGGGAGATT CTTACGTACA GCACGTAGAT

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178751  GAAGCTGAAA CTCCTAAGCC TAAGAAAGGG CGATCTGTCC AGTAATAGAG

178801  GTTGTGCTTT GCGGGGTAAT CTGGCTTGGC ATATGAAGCA AGTTCATAGC

178851  GTTGGAACCC TTGGGAGAGT AGGAGATTTT CAGCAAGGAG GCTCATCTCA

178901  GCTAGAATTT CTTCTTGGGC AATTGTGGGG ACTAGAATTT TGCGGTGTTT

178951  ATAGAAGGAG GTGTGGGGAT CTATAGTGAG GTTGTATAGA GAAATGTGAG

179001  TGATAGGGAG AGTCAGAGCT TGATGTAGGT CGCTTAGGAA TATCTCCAAA

179051  GACTGTGTGG GCAGTCCGTA GATTAGGTCT ATAGAAAGAT TAGAGAATCC

179101  GTGATTCTGG CATTCTTGCA GTGCTGTGAT TGCCGCAGAT GAAGAATGCG

179151  TTCTTCCGAG GAGCTGTAGG ATAGAGTCGT CGAAGGTTTG TACGCCAACG

179201  CTAATTCTAT TTATTGGAGT CTCTTGTAGT TGACGTAGAT AGCTTACGGT

179251  GAGATTTTCG GGGTTGGCCT CTAAAGTAAT TTCCCGGGCA TGGGGGGCTA

179301  GCTCTTTGAG GATGCGCTTA AGATCAAGAG GAGAAACTAA TGAAGGTGTT

179351  CCCCCTCCAA AAAACACAGT CTCTATGAAA TGCGTCTCTT GGATGGGGGC

179401  TAGCTTTCTT AGCCCCTCTT GAATTACAGC ATTACAATAG AGCGATACAG

179451  ATTCACTTTT GTAGGGGATT GTATAAAAAC TGCAATAGCG ACATTTTTTT
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179501 GTGCAGAAGG GAATATGAAT ATAAAGAGCT AGGGGAGCCT TACCATTCAT

179551 TAGCATCGGG ATCAATGATA CCACCGCGTC TCCAGCGATT GCGATCGCTG

179601 AAAGGGTCTT CATCGTCTTC GTGGGAATAG TCGACTTCTA CTGCCCCATC

179651 TTCACGTCCT TCATCGGTGA GTTCCAGTTC TACGGTTTCG CCTGGGTCGA

179701 TATCAATTTC TGTTTCTGTG GGTTCCACAA ATTCAATATC AGACATACTA

179751 GGACCATCAG GGTAGACAGT CTTTGCGGGA CTGCGTCGTG GTGTGACGTA

179801 CTCTTCAATC TCTCCGTTTT CTTTGAGGAG TTGTAGACGT TCTTTTTCTT

179851 CGTAAATTTT ATGTTCTAAG ATTCGGATTT CTTCTTGGTG CCTGCTAATT

179901 TCTTTTTTTG GCACTAAACC CAACTGCATC CATTGCGTAA GGTCATGAAG

179951 TTCTGATTCT AATTTTTTAA GACGTTCGCT TTTCATCCAA GGGTTCCCAT

180001 CCTGTATTCG AGAGCAGGTG CATAGCATTT TTTTGTTTTT TCAACTGCAG

180051 AAAAAAAACA AAGATTTTTT TTTTTTTGAA AAATAAAAAT TTGCTATGAA

180101 GCAGACATTT AGATCGTATT TATTGAGTTT AATTATTTTA TGGATTCCGA

180151 GTTTGTGGGG CAAGTATATT CTTCGGATAT GGATTGGATC GAGTCTATGT

180201 ATCAGAGATT TATGAATCAC GAGACTTTGG ATCCTTCTTG GAAGTATTTT

180251 TTTGAAGGGT ATCAGCTCGG TCAAGCAGCA TCTCCATCAG AAGCTAGTAC

180301 TAAGATTTCT GGGAATGAAA CTATTGCTAT GCTTCAAGAA CAAAAATCTC

180351 AGTTTCTATG TACGATTTAT CGTTATTATG GATATTTGCA AAGTCAAATT

180401 TCAACGCTTG CCCCAACTAC AGATTCTCGA TTCATTCAGG AAAAGATCGC

180451 TAAGATTGAT CTGGATGAGC AGGTGCCTTC TGCGGGTCTA CTTCCTAAAG

180501 CTCAGGTTTC GGTACGAGAG CTGATCGAAG CTTTAAAAAA ATGCTATTGC

180551 GGAAGTCTTA CTTTAGAAAC CCTAACATGT ACTCCTGAGT TGCAGGAGTT

180601 TGTTTGGAAT CTTATGGAGA AGCGACAAGT GGAGCGCTTT GCAGAGCAGC

180651 TCCTTCGCTC CTATAAAGAC TTATGTAAAG CAACGTTTTT TGAAGAGTTC

180701 TTACAGATAA AATTTACAGG TCAGAAACGT TTTTCTTTAG AGGGCGGAGA

180751 GACCTTGGTC CCCATGTTGG AGCATCTTGT TCATTATGGA TCGGCATTAG

180801 GAATTTCTAA CTACGTTTTA GGAATGGCCC ATCGAGGTCG TTTGAATGTA

134

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180851   TTAACGAATG TTTTGGGAAA GCCTTACCGT TATGTCTTTA TGGAGTTTGA

180901   AGACGATCCT GCAGCACGTG GTTTAGAGAG TGTTGGGGAT GTAAAGTACC

180951   ATAAAGGGTA TGTGCTAAAG TCCCATCAGA AAGATAGGGA AACTACCTTT

181001   GTGATGTTGC CAAACGCTAG TCATCTCGAA TCTGTAGATC CTATTGTCGA

181051   GGGGGTCGTG GCTGCCTTGC AACACCAAGG TCACGCAGGT AAAGAGCAAA

181101   GCAGCTTAGC AATTTTAGTT CATGGAGATG CAGCATTTTC TGGTCAGGGA

181151   GTGGTTTATG AAACTCTCCA GCTGAGTCGT GTTCCAGGGT ATTCTACTGA

181201   GGGTACGCTT CACATTGTTG TGAATAATTA CATAGGGTTT ACCGCAGTGC

181251   CACGGGAGTC AAGGTCCACC CCTTATTGTA CGGATATTGC TAAAATGCTA

181301   GGGATTCCTG TATTTCGAGT GAATAGCGAG GACGTCGTTG CCTGTATAGA

181351   AGCTATAGAG TACGCTCTGC AAGTTCGTGA GAGATTTAGT TGTGATGTGA·

181401   TCATAGATCT CTGCTGTTAT CGCAAGTATG GACATAATGA AAGTGACGAT

181451   CCCTCAGTAA CAGCTCCCTT ACTCTATGAT CAGATTAAGA GAAAGAAGAG

181501   TATTCGCGAG CTGTTTAGGC AATATCTGTT GGAAGGGCAG TTTGCAGATA

181551   TTTCTGAAGA AACTTTGGCA TCTATTGAAA AAGAGATTCA AGAGAGTCTG

181601   AATCGTGAGT TTCAAGTATT GAAAGGGACG GATCCAGAAC CCTTTCCTAA

181651   AAAAGAATGT CATCACTGCG ATCGCTTAAA TAACGGCGAG CTTATTTTGC

181701   ATGATTGTGA TGTTTCTTTG GATCGCGAGA CTCTTTTTCA TATGAGCTCG

181751   CGTCTTTGTG GTTTCCCTGA CAATTTTCAT CCCCATCCTA AAATTAAGAC

181801   TCTTTTAGAA AAAAGAATGA AAATGGCAGA AGGTGGGGTT GGTTATGATT

181851   GGGCGATGGC CGAAGAATTA GCCTTTGCTT CGCTATTAAT CGAAGGGTAC

181901   AACCTGAGAC TCTCAGGTCA AGATTCTATT CGCGGGACAT TCAGCCAACG

181951   ACATTTGGTA TGGAGTGATA CTGTGACTGG AGATACCTAC TCTCCATTGT

182001   ACCATCTTTC TGCAGAGCAG GGCTCTGTAG AAATGTATAA TTCTCCTCTT

182051   TCCGAATATG CAATTTTAGG GTTTGAGTAT GGCTATGCTC AACAGGCATT

182101   AAAGACTTTA GTGTTATGGG AAGCGCAGTT TGGGGATTTT GCTAATGGTG

182151   CACAAATCAT TTTCGATCAG TATATCTCTT CGGGAATTCA GAAGTGGGAT
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135

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182201  TTACACTCTG ACATTGTTCT GCTTCTTCCC CATGGGTATG AGGGCCAAGG

182251  ACCCGAGCAT TCTTCATCTC GTATAGAACG TTATTTGCAA TTAGCCGCGA

182301  ACTGGAATTT TCAAGTGGTC TTGCCTTCCA CTCCTGTGCA ATATTTTCGG

182351  ATTCTCAGAG AGCATGCTAA GAGAGATCTT TCTTTGCCTT TGGTGATCTT

182401  TACTCCTAAG TTGCTGCTGA GATATCCACA ATGTGTAAGT AGTATCGAGG

182451  AGTTCACAGA ACCTGGGGGA TTCCGTGCTA TTCTCGAAGA TGCCGATCCT

182501  AATTATGATG CTTCTATTTT GGTATTGTGT TCGGGAAAGA TCTATTATGA

182551  TTATGCAGAA ATGCTTCCTC AAGATCGGCG TAAGGACTTT TCTTGCTTGC

182601  GTATAGAGAG CTTGTATCCT TTAGCTCTTG AGGATTTAGT GAGCCTTATC

182651  GATAAGTATT CTCATTTGAA ACATTTTGTT TGGCTACAAG AAGAATCCAA

182701  GAATATGGGG GCCTATGACT ATATGTTTAT GGCGTTGCAA GACATTCTTC

182751  CTGAGAAACT GCTATATATA GGACGTCCTC GGAGTAGTTC CACAGCTTCT

182801  GGATCAGCGA AGCTCAGTCG TCAAGAGCTG GTCACGTGTA TGGAAACCCT

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182901  CAGAGTCGAT TAGCGAGGTG ACCGTAGCTT CCTTGTTAGT TACAGAGGGT

182951  GCTCTGATTC AAGAAAACCA GGGCTTACTA GAAATTGAAA GTGATAAGGT

183001  AAATCAGCTC ATTTATGCCC CAGTATCGGG AAGAATTTTC TGGGAGGTTT

183051  CAGAAGGCGA TGTTGTTCCT GTAGGGGGGG TAGTGGGAAA AATAGAGCCC

183101  GCAGGTGAAG GGGAAGAGCT TGGAGATTCT CAGTCTAAAG AGACTATAGA

183151  AGCTGAGATC ATTTGCTTTC CTCAGTCTGG GGTGCGTCAG TCTCCTCCAG

183201  AGAATAAAAC GTTTATTCCT CTTCGTGATC AGATGGACCA AGGATCCCAA

183251  GGTCTTTCTG CAGGAGATCG AGGAGAAACT CGAGAACGCA TGACCTCGAT

183301  TCGTAAGACA ATTTCGCGGC GTCTTTTGTC TGCTTTACAT GAGTCTGCGA

183351  TGCTCACGAC ATTCAATGAG GTCTATATGA CACCTCTTTT TCATTTGCGA

183401  AAGGAAAAAC AAGAAGAGTT TCTATCTCGA TATGGGGTGA AGTTAGGATT

183451  TATGTCTTTC TTTGTGAAAG CTGTCTTAGA GGCTTTGAAG GCATATCCAC

183501  GAGTGAACGC CTATATTGAT GGCGAGGAGA TTGTTTACCG TCACTATTAT
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183551  GACATTTCTA TTGCTGTAGG TATCGATCGA GGACTTGTGG TTCCTGTGAT

183601  ACGCGATTGC GATAAACTTT CTAACGGGGA GATTGAGCAG AAACTCGCAG

183651  ATCTTGCCCT TCGGGCTCGT GAAGGCCTAC TTGCAATAGC GGAGCTTGAG

183701  GGAGGAGGTT TCACAATTAC CAATGGAGGC GTATATGGAT CGCTACTTTC

183751  GACTCCCATT ATCAATCCCC CGCAAGTGGG GATTTTGGGG ATGCATAAGA

183801  TAGAAAAGCG CCCCGTTGTT CTTGATAATG AAATTGTAAT TGCAGATATG

183851  ATGTATGTCG CTTTAAGCTA TGATCATCGT CTTATTGATG GGAAAGAGGC

183901  TGTTGGGTTT TTAGTCAAAG TGAAAGAAGG CCTAGAGAAT CCTGCCTCAT

183951  TACTCGACTT GTAATTTCTC TGATTCTCAT AAAGGCTCTT TTAGAGCCTT

184001  TTCAGATTTT TTAACCTCTT TTCTTATCAT GAAAAGGATT GCACTCATCT

184051  TGAGTAAGGA ACAATGTAAA TTGAGTATCC GCACTTACAT TGGCTTGTAC

184101  CGCAGCCTCA TTCAAGGCGC CTAACAACTT TCCGGGTAAG TACACATTGT

184151  CTCTTTTAAA GTGAGGTTTC CCGGTATGAT CAAGAGGAGT GAAAGCTTCT

184201  TCTGCGTGAA TATGTACTGA TGTGAAGCCA TTTTCTAAGA GATCTACAAA

184251  CAGATTTTTC AAGAACTCCT TTGAGTCTTT TTCAGAAAGC GAAGAGCTCA

184301  TCGGATCTTT TCTTTCTAAG ATATCTTGTA CATCCTTGTC GTAATAACCC

184351  CAAGGAGTCC ATGCTAAAAC TAAAGTTGAA CTGACACCAG GAGTTGGAGA

184401  ATTGAAAATT GCCCATTGAC CTGCTTTTTT TCTAGAGTTC ATTTTAGTTT

184451  TCATAGCTTC CCACTGTTCC TCTCCTAAGA GATCTTGCAG TTGCTTTAGG

184501  GGAGCCGAGA CTTCCTTATC CCCTTTCCAA TGCGAAGTTT CTGGTGAAAG

184551  GAGGAATAGC GAAGGTACGC GAGCCCCGTG ATCTCTAATT TCTGTGAGAT

184601  TAGGAGCTTT AGCTGTGACA ACCTTAAATT AAGGACCCTT CTTTAGATGG

184651  TGAATTTCAC AATTCGTAGC TTCTGTAATT TTGATTTCTT TAGTGAGTTT

184701  TTCTTTGGGA GGAAGAGCGT CGTAAGGTAA GGAACAATGA TGTTAATAGG

184751  GCTAGTTTAG TTAAATAAGA ATAGGGGATC TCAGGTTTAG GAGTGATGGG

184801  TTGTTGCTCG ATTACAATGA TGGTTAATGG AAGAAGAGCG TTTCTAGAAA

184851  GTGCATCTGC TTCCTCGTCT TCTTTAGGCA ACAAGCTCAA GATGAGAAGC
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137

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184901  ACGAGCCCGA TGGCTAATCC CACGAGTGTG ATAATACCAG CAATGCTATA

184951  CGCCTGTATT AGAGGGAAGC CTAAAGCTAA GAAGGTAACG AACGTGATTC

185001  CAGCTGCTAA CATTAGTGCA GCGAAAAGTA TGTAAAGAAC AGCACGCGCA

185051  ATTTGAAGAG CAAGACTTTT ACTTCTGAGT GTGCCTTCTG TAGCTTGGGT

185101  TTTGTTAGCT TCAATCTCAG CGAGTTGCGC TTTTTTTGGC TTCACTGGTT

185151  CGTGAACTTT ATGATTAGTT GATGCGCCTA ATTTCATAGA AAGTCTTTAA

185201  GCTTAATTTT TTCCTAAAAA TTGTAGTTTA CATGTTGTTT TTCATCAAGA

185251  AGATTACTGA ATTCTGAGTG GGTTGGAACG AAGCATGTTC TTCTAGAAGC

185301  TAAGGTCCTT AGGGGAAAGG AAAAGAAGCT TGGCTGGATC TTTTTAATCT

185351  CTGGGTAGGA GAAGGACGGC GGTTACATTA TTTCTATTTT TTGAATGTTG

185401  GCCTGTGAGA TTGGGATCGG GATGGTGAGC AAGGTACCTT GAAGAAAAGA

185451  AAGCGTCGTG TTCCGTGTAG GTACAGAGGT CTGAGATAAA AATGCGGTCT

185501  TTAGAGATTC CTAAATTCGT AAGTTGCTTG CGAGCAATCG CACGCAGGTC

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185601  TAGCGTAATC GGGATAGATA GCATAATCTG GACCGATGGA AGGGCCGATA

185651  GCTACGAAGA GATCTTGTGG TTTTGTATGA AATAATTTTT TCATAGTACC

185701  TACGGTGACA GCATAGATAT TGCCAAGCAA TCCTCGCCAT CCGCTGTGTA

185751  CATTTGCGAT TGCGTGGTGT TCTCGATCAT AAAAGATAGC TGCTTGGCAA

185801  TCGGAATGGC GGATATGGAG AGAGAGGAGC GGAGACTGCG TGCACAGTCC

185851  GTCTGCAGGT TGGTAGGTGG GGGATGTAGG TGTAACACAA CGTACGGAAG

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186001  TTTTGAAAAG ACTCCGTGGC GTATAGGCAA ACCATCGAAT TCTTCGAAAG

186051  TCCAATAGTT CAGAGGGTGA GTGTGGAAGG ATAGAGTCAT ACTGTCAACT

186101  TAGTTTCTTC AGGGTCTTTC CATACCCCAT GTTCTTGTAA AAGTCGAATT

186151  AATTCTTCTT CAGCATCTTC CATGGGTATG TGAGCTTTTA CACAAGTATG

186201  TTTTACATAA AGATCGATCA TCCCTGTTTT GGAACCTACA AATCCAAAAT
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138

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186251   CTGCATCTGC CATTTCTCCA GGGCCATTCA CAATACAACC CATGATAGCG

186301   ATCTTAAGTC CTGGTAGGTG CTGCGTTCTC TTGCGGATAC GTGTGGTGAC

186351   TTCTTCAAGA TCAAAGAGGG TCCGACCACA CATAGGACAG GAGATGTACT

186401   CTGTTTTTAC AAGGCGCACC CCTGCATTTT GTAGAGTGCC AAAGGCAATT

186451   TTTAGCACGT CCTGTAGGGG AAGGTTCGGT AAGTCAAGAA CCACAGCTTC

186501   TCCAAGGCCA TCAAGAAGCA GAGCTCCAAA CTCTGTTGCT ATGGAAATAG

186551   CAGCTTCTTC TTTATTGTCA AAGTCCCTTG AAAATACTAG CTTGGTCGGT

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186951   CCAAAGTGTT GTTTTCGCAG GCTTCTCTGC AGCAGAAACA AAGTTTTCGG

187001   AGTGTTGTAG GGAAAAGGGA TTTTTCTTTT CTGGAAGGTC TAAGTAGATT

187051   TTCGTATGGC GTAGCAAGCT ATCACAGACA GGAATTTCTG TAGTGGGACA

187101   CCCTGTGAGA GAGCAGCGTA TGGTATCCCC GAGTCCTTCG GCAAGAAGAG

187151   TTCCGATTCC TACTGCGGAT TTTATGATCC CGTCCACGCC CATTCCAGCT

187201   TCAGTAACTC CAAGGTGAAG GGGATAGAGC CAGCCTCTAG CATCTAAGTC

187251   TTTAGCAAGT TGGCGGTATG CAGTTACCAT GATCTTCGGA TTGCTAGATT

187301   TCATTGAGAA GACAACATCT CTATAATTCA GCTTTTCACA TACAGCGATA

187351   TATTCAATTG CTGAGGCTAC CATTCCTTCG ATAGTGTCGC CATATTTTTG

187401   CATGATTCTT TCGGAAAGTG ACCCGTGGTT CACTCCAATG CGCATAGCCT

187451   TGCCTAGTCG CTTACATTTC TCTACTAAAG GAGCAAACTT TTCTTCAAGA

187501   CGCAGGAGAC TTTGGGCATA GCTTGCCTCT GTATAGATCT TCGTCCCCTT

187551   GAACATGTTC CTCTTATCTA TGTAGTTGCC TGGATTGATG CGAACCTTGT
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139

187601 CAGCAAAATC AGCAACTAAC ATAGCTGCTT GAGGGAAGAA GTGGATATCT

187651 GCAACCAAAG GGATATTTAA CCCTAGAGCA ATCAGACGTT CTTTAATTTT

187701 TTCACAGGCT TGTGCTTCCT TGATTCCCTG TACAGTCACT CTGACAATAT

187751 CACAATTATG TTCCGCTAGA GCGTAGATTT GCTCTACTGT ACTGTCAATG

187801 TCTGTGGTTA ATGTCGTTGT CATTGATTGG GTTTTTATTG AGTGGTCACT

187851 GCCTATGTAT AAGTTGCCTA TTCTTACTGT ATGGGTTTTG CGTCGCGAGG

187901 AATTGATGGC AGGGGTAATG AGTGTCATAA AAATCTCAAA AATTTCAGAG

187951 TTTTATCAAT TATAAAAGCC GAGAGAATTT TGTTGAAGCT GATAAAGCTT

188001 CTCTAAGGAT GCCTACATTT ATCAATTTTA CAGAACTTCA CCTCAATAAG

188051 AGGAATTTTC AGAGAGAAAC GACGACCTTG GATGGCCGAG TGTTTCAGGC

188101 CATCAAGAGA GTATATGGAG AGATTATTGT GAATTAAAAT AATTATTTCA

188151 TACTTATCAA GGGGATAAAG ATTTTGCTTT AGAGGACGAT TCGTAAGGAA

188201 CTCGAATCTG TTTTTGTGTT CGTAGAACGA ATCCCGAAGT TTGACAAAGA

188251 GAAGGAGTTC CCAAGAGGAG TGCTTGGGGC TCGTACTTTG GGAACGCTTT

188301 TTTCTAATTT GAAATCGGTG TATTTGTGA TGGATGCGTG ATTTTATACA

188351 TCGAGATTAA CATGATAGCC AGAAGGATTA GGGAGAGCAA GAATAAGGGC

188401 CCTATAACTG TAAAGTAGGC TCCGACAGAT GTTGCTACAA AGATCATGGC

188451 TATAGCAACG ATTCCAGAAA CAAAGGTATT GAGGAGGAGT AAAGCAGTTG

188501 AAGCCGCAAA GGCAATTTTT ATGCATCGTC CTGATCCCGA TAACCTTTCT

188551 AGGAATTCTC CAAGCTTTGT TTGTTCAACT GGAGATGCAC TTGATGTTCC

188601 TGTGACTACT GGAGAAGACA TGTGATTTCC TATATTCTA TGACAAGCCC

188651 TATAATTTTA TAGTTTTCTA TTTTAAATGC AATGTAATTA GTGTTTTACA

188701 AATTAATCTC CTACTAAAAT AGGAGGAGAC ACTCTCATAT TTTCTATGAC

188751 CTAGGGAATA AAATATTTTA TTTATAATGA GTGAAAAACA CCGCTGTTTG

188801 TCTAAGAAAT ACTTTTAGAA GAGAGTTTAC GTTTTATCTG CTGTTCAGCA

188851 GTTGTTCCTT CGGTTTTGTT TACAAGGGCA AGCTTTATAA CAAGAAGAAG

188901 CACACAGAGT ACTGTTGTAA GAATAAGGCC TCCTAGGATA ATCAAGCAGA

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188951   TGGGAGGAGT CCCAGGAATA AAGAAAGCTG CAATTATTCC TAAAACTTCT

189001   ATTACTAGAA TGGCAACAAG GATTTTAACT AAAAGTTTAA TCGTCTTCGT

189051   CGTTTTATCT TGATGCTTTG CTTTTAGAGC TTTGGAATTT GGTTCCATGA

189101   GGCCTAGATT TCCAGAGGAA GGGCGGTGGC TTGTGGGTAG GGGGGCTGAG

189151   GACACGGGCA TCGTCTTTTA GTTAGAATTT TCTTTATTTC GCAAAAGCTT

189201   TGTCTTATGG AGAGCAGAGG CGTTTCTATT TGCTTGAGAA AGTATAGCGT

189251   GGTTTAGAAA GTTAGAAAAG ATTTTTTAAA AAATCTTCTA TGTTTTGGAT

189301   GTTTTAAAGA GAGAAGTCTT ACCATTTTTT AAGAAAGGAT TTCCTTTTCA

189351   CAAAAAGGCA TCTACTCTCT TTTGCTTAAC CAGGGGGAGA GATTAGGGTG

189401   TGATGAGGGG ATGTCTAGCA AGAGTTGTCA AAATGATAAC CCACGGTTGA

189451   TTTTGATTTT CTGCTTCTGA TCCAAATGTC TGCAGAGCAT CTATCAAGGC

189501   TAACTTCACA CCATCAATCC ATTGCAGACG TAGACTAGTA GTCTCTTCGT

189551   CTTTTGGAGA GCCAGGGAAA TGGGAGGAAA GCAAGGGGAG CTGAACTACG

189601   GTTGTTTTAC GGCGCTTGGC CTCATTCAAA CAGTTAAGGT AGGCTTGCCT

189651   ACAAAAGGTA AACGCATCAT TAGGATTGTA GTTATAGTCA GAAGCTTTCG

189701   GCCCTAGAAG TTGTCCTAAG AATTGCGGTA GTCCTGCTTT ACCTGCATTC

189751   GTGGTTCCGT TTAGATTTTC CCATTTTGCT GAGCGGCATT CTCCTAATTG

189801   TAGGGGCTGT TTTGAACGGA GAGGATCCGG AGATTTTTTC GAATTTTCCC

189851   AACAGCGTAC ACTAGTTGCT TTCGCAAGTG CGAGACTTGT TCCTTTTACG

189901   TTGTTTGCCA TGTTTGGGGT GGCTGCATTC ACAATCATGA CGATGCCTTG

189951   AGTTTTATAG CGAGGCTTTT CAATGGGCCC TAACGTAGAG ATCAAAGTCA

190001   GGTTTGAGTT TTTCAAATGC CAAGCATAAC CGGTTTGATT GTCAGCAGCG

190051   ATGAAAGGCA TATCTGTGTT AGCCTGTAGA TCAGGTATAC GGTCCCAATT

190101   TTCTTGTAAC AGTGTTTGAT GGGTTCTAGG GGAAGGAAGC GGGGGCTCTT

190151   CTAGGACAGC TTCCGTAGGC ACTGGGGTGA GTGCTAGGGG CGGGACAGGA

190201   GGAAGGTCTG TATCTTTTAT GATGGGCGTC GGCTGATGCG TTACGCTTAT

190251   AGGACTTTTA GGTTCTCTTA AGAGAAAATA GAGAAGAATA CTAAAAGCCA
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190301  AGACTGCTAG AGCGGTAAGA ATAAATAATA GAGGAATGCC TAAAATTATA

190351  GCAGCGGTTC CAGAACTTAC AGCAATTCCT ATAATTAGAA TAAAAGCGAC

190401  AAGGTCCAGA CCTTTGAGCT TATGAGATGC GAGTTGCGTG GGCATGCTTT

190451  CGCTGCTGAT CAGCATGGTT AGATTTACGT TAGTCAAATT GGGTTCTGTG

190501  GTGGACATAA AACTTTTTAA ATAAAAAACA AAAAGTTTAA AAAAGATTCT

190551  TTTTTATGTG AAGTTATTTA TATTTTAAAT AGAAGTTGTT TATTTAAAAT

190601  AATAAATAGA CAACATTTTC ACTTTAAAAA GTATTGGATG CGGCTTAGAG

190651  CCAAGAATCT AGGGGGTGCT TGTGATCAGG ATAAATTGGC TGTGTTTTTA

190701  GAAAGCTGTT CGATTGGAAG CACGGACGCT TTCCGACATA GACTAGGGAG

190751  TCGTTAGATC GAAACGGGGT GGAATGATGG GAGGCTGGTC CTTGTCTGTA

190801  AGGATGATAA TTTTTTGCTC TTCCTGGTTG TCTTGTTCCC ATCCAAAATC

190851  TTGAAGAGAT GTGATGAGTG CCAATTTTAT AGCCTCGATC CATTCTGCTC

190901  TTGTTTTCCC GAGGTTTAGA AGTCTTGATG GAGCAAATAG ATTACATCCA

190951  ATGAGGGGGA GTTGAATCAC ATCAACGCCT ATGATTTCAG CTTCTTGGAA

191001  CAGGTTATGA AACGCTTTCT TGCTTACTTC AAATGCTTGC TTAGGATCGT

191051  TGTTACACTT AGCAGCTTCG GGACCAAGCA GTTGTGCTAA GAAGTGTGCT

191101  TTGCCTGGGA CATGGTCGTT TGAGGTGTGA TCACTATTTT CCCATTTTGC

191151  TGAGCGGCAT TCTCCTGGCT GTAGTTGGGA TCCAGAACGA GAGTGCGCTC

191201  TAGGGAGCCT AGATGCGTTC CAACACTGTA GACTTGTAGC CAGGGATAGA

191251  GCTTTATTCG TTCCCCCTCC TTCTCGGGAG ATGTTCTCGT TTGCTGCGTT

191301  AACAATCATC ACCCTGCCTT GAGTTTTGAT TCTTGGAACT GCAATATCTC

191351  CTGAGGTAGA TATAAAGATA AGCTTCGAGT CTTTAAGCTT CCAAATAAAA

191401  CAGGGCTGCT GAGGTGTTTC TGTAGTAAAC GATGGGTCTA CAGCGGCTAA

191451  GCTCGGAAGA AGATCCCAGT TTTGTTCAAG AAGAGCCTCA TAGCCAGGAG

191501  TGACCGTGAT AGCGGTAAGT TCTTCTGGGG GTGTGGTTAG ATCAGCAAGA

191551  GAGACTTCGG GGAGTGATTC GGGATCGGGA AGTGGATCGA TCTGCAAAGG

191601  GAGGTCCTGT TGCTCAGGAG GCTGGGGAGA GGGAGACAGA GAACTTTGCT
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191651   CAGATTCGGG TTCGATTTGA GGAAGAATCT CGTATAATTT AGGTTTCTTT

191701   AAAAGGGAGT AAAGTGAGAC CGCAGCAATT GCTAATGTTA TGACAACTAC.

191751   GGCAGAAAAA ATAGGCATAG CCAAAATGCC AGCAGCAATG CTAAAGCCCA

191801   AAGCGCACGC TAGGGCTAGT GTGAGGGTGA CAATTTTCAG TATTTTCTCG

191851   ATTCTATCTG TACGGTTGAG AGGGAGTCTA ATCGGATAGG AATGTTTCGC

191901   AGGAGTTCTG TAGAGACTGG CGTCTGTATA AGAGGGTAGG GGATTAGAAT

191951   CTGTCATAAT ATTTTATTAA TAGATCAATT TTCAACTATT ATATTACTAA

192001   TTTGTATTTT TATTAGATTT TTTTATAAAA CAAAATTAGT TTATTAATGC

192051   ATCCTATTGA AATAGATCTT TTTAGTTAAA AGGGACCATA AGTAGCTGTT

192101   TGTGGTCTGT AAGGATTATA GTCATGGGAG TTGAGGGGTG CTGCGCAGCA

192151   AAGGAGCGAA GAGCTTCCAT AAGACCTTTC TTTATATCAT TTACCCACTA

192201   CGTACGGATG TGGTAAAGCT TATATGCACT GCTATTAGGC TTTGTTTGGT

192251   TTACGGGTTC TAGTTCCAGC TTTCCTCCAG GTGAGTATAT AGAGGAAGAG

192301   ATCAGAGGCA CTTGGACCAC AGTGGCTTGG TTATTGAGAG CTTCATCAAA

192351   ACAGTTCAAA TAGGCTTTCT TAATAACATT GCTTAATTTC TCAGGATGTG

192401   CTTTCAATTC TCCTTCATAT TTAGGACCAA GAAGTTGTGC TAAGAAATGT

192451   GCTTCTCCTG GGTTCGTATC ATTTATTCGT CCAGTCTCTA TTGATCCAGG

192501   GTGCTGAGCG GCATTCACCC ACAGATAATC CTTTGCCAGT GTTTATTTTT

192551   CCCCCAGATG TTCTCGTATT GTTCCAACAA GTAGGGTGTG TGGCTGCTGA

192601   GAGAGCAGCA TTGGTTCCGG CTCCACCAGA TTGCATGTTC GAATTCGCTG

192651   CGTTAACAAT CATGACTCTT CCTGAGGTTT TCAGGCGTGG TTTAGCGATG

192701   TCTCCTGTAG TGGCTACTAA GGTAATTGGG GCTCCTTGAT GTTCCCAGAC

192751   ATAGTATCTT TGATTAGGAT CTTGGAGAGT CCAGGATATA TTGATTTCTG

192801   AGAGAGTATT GACTAGGGTC CATTCATTTC TCAGCAGCTT TTGGTAATCC

192851   AGAGGGACTG AGGGTTGCAC TTGAGCTGCA ATATCCTTGG GGACATGTTT

192901   TTGGGGCCCA AGGAGCTCTT CTGTCGGTTT GGATGGCTCT CTTCTTCTTA

192951   AAAGAAGACA AGAGAGTACG ACTGCTGCAA GGAGAGCAGC ACCAGTGGCT
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193001 ATAGCCATGA GAGGCATACC AAGAACTCCA GCAACAACTG CAGTCCCTAC

193051 AGCTATGGCT AAAGCAAGAA TAAGAGCTGT GAGTTTTATT ATTTTAGCAA

193101 TCACTTCTTT CTTAGTAAGC ACGGGTGATT CTGAGATCAA TCTCTCATCT

193151 ACAGACAAAT GTGATTGATT CTCGTGTACA TCTGGGATTG AAGTGGTTTT

193201 AGTCATAAAA TATCTATTTA AAGGAAAAGA TTATATCTTA ATTTGTTGTT

193251 TTTTACAAAA AATCTTTTTC TTTGATAATA AAGATTTTTA TAAATTCTTT

193301 TTAATTTCAT TAATTTTAAT GAGTTAAGGC GTAGCAGGCG CACCTTATTG

193351 TTTAGTTCAT AAGAGAACTC TAAGTGGGTG CCACACAGAG TTTTTTCTCC

193401 ACTTGGTTCA AAAGGGTGGC GTTTGTGGTT TTATGGGGAA CGATTCTACC

193451 CCAGCCATGG GATTCAAAGA CTTCTTAGAT CGACAATACT ACTTGAGATT

193501 CTAATGGGGG GTGAAGACAT GTGTATTTCA TGGGCATGGG TAACGGAGGA

193551 CATCAGGTTT ACTTTCGAAG GCCCATATAT CATCTTCAGA GGTCAATAAA

193601 AGGGGGGGGT AGGGAGAACG ATGTTTTACA ACAGTGTAGA AATTAACTAT

193651 TTGTGAAATA TTTTCATTTA ATAACAATTT AATGAGTTTT AATTTGAAGA

193701 CACAGGCAGT GGCTTATCTT TTGTCTATAA GTCGGTACAG TCAGACTTAT

193751 AAGAATTGCC GCTTTTTGGG TCTTCATAAT CTCTATCTTA AACAAAAAGG

193801 AGGTCAATCA CAAACTGGGT GAGTTGTAGA GGTCTCAATA AGAAAGTTTG

193851 TAAGGTTAGG AGAGCTATAA TTGCGCCTGG GATTCTGCAT AGACGATACC

193901 TGAAAAGATA GTGCCTAGGG TCGGTGTTTG CTGATGAGAA TGCCAAGAAG

193951 CATAGTCATC AACCGTCTTA ACATATTTAT AAGTTTTCTT AGCAGCGAAT

194001 GGCACAGCTG CTAGAAAGCA AAACAAGATG ATAACAGCCA CCAATAGAAT

194051 TGTTCCTGAG ACAGCAAGGA CTGCAATGGC AGCTGGATGT CCAGTTTCTA

194101 GAGTGAATTG CAGAGCAGGG CGGATTGCCA ATAAACTAAG AACTATGAGG

194151 CAGCATCCGA TCACTAGGAG AACTTCCAAT ATGACAGAAG TGATTGTCCG

194201 TGGAGAAGAC TCAGCTTGCT GCTTCCCCTT GAGTTCTATG AGTTTCTGAT

194251 TTTGTGTGTT TGCGCTATTG ATTAAGGGAG CGGCTGGACT TTCAAAAAGA

194301 ACGTCCGTAG CAGATACTGG AAGATATCCC ATTTATTTTA ATATCCTTTA

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194351  ATTAAAATTT GCGCAGATAT TATACCTTAA TTTAATTTTT ATTAGAGAAT

194401  AAAATTCTAT ATTTTCTTTT GTGTAATATT TTTTTATAAA AACATGAGTT

194451  TTTAATTTAA CTTAGAAGAG AAGTGTTGCA ATATCTTTTA TTAAAACAAG

194501  AGTACCTAAG AATTCGTGCG TAAAATATTA CGTATTTGAT TTGTATAAGT

194551  CGTGAGAGTG TTTTTTCTAT TATTGAGGGG CTATTTGAT TTTTCTTGAA

194601  TTGCGTCATG GAAAGATCTT GGAGGCTTTA GGAGCCTTTT TGTCCCTCAT

194651  CATCTCGAGA TAACCAAACT GAAAAGATGC GTACCAAGAG TTTGTTTTTT

194701  CGTTCGCGAA TCTACTGTAC CCTTGATTTT AGGATAGCCG TTTTGAGTGA

194751  GATAGAGATC CTAAGAGAGA TCCTCAATAC TTTCTTGAGG TAGTTGGGCT

194801  AAGGATCTTT CAACACAAGC AATAGTTAGC GGATATTCTG GGTGCAGCTC

194851  GGCCATGTAT TTTACTGCTG TAATCATAGC CAAAGATTGT TGCATTCTTG

194901  ATTGCGGGGG CAATTCTCTA GAATAGAGAT GCTCCCTCAA GCTGTATAAA

194951  GGGATTTGGA TAATTTGGGT GTTCGTATTG ATCGCAGTCT GGATATAAGT

195001  GACATAGAGT GCATAGTAGT ATTGGTAGAT GGCTTCAGGA GTTGTTGGTA

195051  TTTGTGGGAG GAAGACGCGG CCTCGGAAAT CGGGTTGCCA GTATAAACGT

195101  TCTCCTGAAT CTCCCGCAGG GAGTTCTGTA TTTATTTCTA CCCTGGTTTC

195151  CTGAATTGCC TCATTGAGCA AGGATTTTGG GGAGGGAGTG GTATCTACGT

195201  AGGAGGATAT AGGCGCATTT TGCGAGGTTT CTTCAATTAA CAGAGTCTTT

195251  CCTAAATTTT CGGAAGCTGA AATTAAGAGA TGTTCTGGAT TGCCTCCCGG

195301  TAGGAGGGAT ACTAGGGAAA ACAGTGAATG TTTAGCTTTC CATATCTCGT

195351  AAGGGTTATC TGTGAGTAAT GCAGAGGGTG CGGGGAGATT CTGTAGGTCC

195401  TTGGGTTGGT GTTCCCAGTT TTCTTTAGAA CGATTGATTG CGATAGAGAT

195451  AGAAGAATAC TGTAGGTTGG TGGAGACCCT TTTTGGTTTT ATTTCTTTGT

195501  GTTTGCCACA AGCACGCGGT TTTAAGAGGG TGGTTGCTCG TTTATAAAGG

195551  ATAAAGTTGC TAAGAACAAC AGCAATAAAT GAAATTCCTG TGAGGAAATA

195601  GATAACAGGA ATATTTAAAA GCAAACCAAT AAGTAGGGTC CCTATAGTAA

195651  CTAAGACAGC AAAGATTGCA GTAATCAATA GAATTCGAGA CTGAATCTTA
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195701  TCAAAGTTGC TGCAGGATTT TTTTTTAGTG TCTACTAGGG GATGATCTAC

195751  AGTTAAAGAT ATGGGTGAGA TTGTAGCCAT AATTAAGGAA TTCACCTGAG

195801  TTCCTTTAAA TTATATCTCT TTTATTGATA TTTAAATAAT TAAAAACATT

195851  TCTGCATTTA AAAATATTTT TTAATTTGTC ATCTTTCTAA GTAAATATAA

195901  AAAATAATAA GTTTATTTAG TTAAATTTTT TTTGAAAACA AGAAAGATAG

195951  GGGAAAGGCT CGCGAGTAAA TCAAGCCTTT CCTGAATGCA AAGAGTCGCA

196001  TAACTACTTA GAAAAGAGTT CGTCAGAATA GAAGTTGTAT TAATATAAAA

196051  TTTTTATTTT CTAAGATTAG AAAGTAACTT TGACACAGCC ACCTTTGATG

196101  CGGCACTGAC AAGCAAGACG TTCGTTAGAG TCTTCGGGTT CTCCTAGAAA

196151  ATCGTATTCT GGTTCCGTAA ACTCAGAAAG ATTCTCACGT CCTTCTAAGA

196201  CCTCTATCAC ACAAGTTCCA CAGACACCTT CTGTACAAGC AAAGGGAATG

196251  CCCATGGATT CACAAGGCTC TGCGATCTCA CTATTGTCTT CTAACTCGAA

196301  CTCTTGTTGT TCATCATCAG AGGTAATGAC TAGCTTGGCC ATGGAGTTTT

196351  CCTTCTACGT ATTGTCGGAT AGATTAAAAT GAAGTTCGGA GTAGAGGGAT

196401  TCGAACCCCC GACCTATTGC TCCCAAAGCA ACCGCGCTAA CCAAGCTGCG

196451  CTATACTCCG TAAAATAAAA TTTTCGAGTA AAAGAGATCA ACGTTAGCAT

196501  AGAAGGAAAT AGTCGACAAG ATCAAAGATG CTTCATAACG TCTCTTTAGA

196551  GTTTTACTTG CAGATATATG GAAGAGGGAA GTATGAGAAA AGGCAGGGAT

196601  TCTCTAGGAG GCTGTTTTTG TGTCTGGGAA GAAAGATGGT GTAAGGGGAA

196651  TGATCTTTGT CCCTCTTAGC ATCCTAGTAC TAATCTTTTT ACCTCTTCCT

196701  CAGATCCTTC TTGATTTTGG ATTGTGTATT AGTTTTGCAT TGTCTTTACT

196751  AACGGTCTGT TGGGTCTTTA CCTTAAATTC AAGCAATTCA GCGAAGCTTT

196801  TTCCTCCATT TTTCTTATAT CTTTGCCTAT TGCGGTTGGG ATTGAATCTT

196851  GCATCAACAC GATGGATTGT CTCTTCAGGA ACCGCCTCTT CTCTGATTGT

196901  TTCTTTAGGC AGTTCTTCT CTTTAGGAAG TCTATGGGCA GCAACGTTTG

196951  CGTGCCTCCT TCTTTTCTTT GTGAACTTTT TGATGGTTTC AAAGGGTTCG

197001  GAAAGAATCG CAGAGGTCCG TTCGCGGTTT TTCTTAGAGG CTCTTCCAGC
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197051   AAAACAGATG GCTTTAGATT CTGATCTTGT TTCTGGAAGA GCTTCTTATA

197101   AGGCTGTCAA AAAACAAAAA AATGCCCTTA TAGAAGAAGG GGATTTCTTC

197151   TCTGCCATGG AGGGGGTCTT TCGTTTTGTT AAAGGGGATG CAATTATTAG

197201   TTGTATCCTT TTACTCGTGA ACGTAGTTTC TGTAACTTGT CTTTATTATA

197251   CTTCGGGTTA TGCTCTTGAG CAGATGTGGT TTACAGTTTT AGGAGATGCT

197301   TTAGTGAGTC AAGTACCTGC TTTACTTACT TCGTGTGCTG CAGCCACTCT

197351   TATTAGTAAA ATCGATAAGG AAGAGAGCCT TTTAAATTAC CTGTTCGAAT

197401   ACTACAAACA GTTGCGTCAG CATTTCAGGG TGGTGTCGTT ATTGATCTTT

197451   TCTTTGTGCT GCATTCCCAG TTCTCCAAAA TTCCCTATCG TTTTGCTCGC

197501   GAGTCTTTTA TGGTTGGCGT ATCGAAAAGA AGAGCCTGCA TCAGAAGATT

197551   CTTGTATAGA ACGTGCGTTC TCTTATGTTG AGGGGGCCTG CCCTAAGGAA

197601   CAAGAATCAC AGTTCTATCA AGTATATCGT GCAGCATCCG AAGAAGTATT

197651   TGAAGATTTA GGAGTTAGAT TGCCTGTGCT TACTTCTCTA CGTATTGAAG

197701   AGCGTCCTTG GCTCCGAGTA TTTGGCCAGA ATGTATACTT AGATGAAATG

197751   ACTCCAGAGG CTGTGCTTCC TTTCCTTAGA AACATCGCTC ATGAGGCTCT

197801   CAATGCCGAG GTAGTTCAAA AGTACCTTGA GGAATCAGAG AGAGTGTTTG

197851   GCATCGCTGT TGAAGACATC GTTCCTAAGA AAATCTCTTT AAGCTCTCTT

197901   GTAGTTCTTT CTCGCCTCCT TGTTAGAGAA AGGGTATCGC TTAAGCTTTT

197951   CCCAAAGATT CTAGAGGCCG TTGCGGTATA CCAAAATTCT GGAGACAGCT

198001   TGGAGATCCT TGCGGAAAAA GTGCGAAAGT CTCTCGGATA TTGGATTGGG

198051   AGAAGTCTCT GGGATCAGAA ACAAACCCTT GAGGTAATTA CCATAGATTT

198101   TCATGTTGAA GAATTGATAA ACAGCTCATA CTCAAAGTCT AATCCTGTAA

198151   TGCAAGAGAA TGTGATCCGT CGAGTAGACA GTCTTTTAGA ACGGTCGGTA

198201   TTTAAAGATT TTCGAGCCAT AGTTACGAGC TGTGAAACAC GATTTGAGAT

198251   GAAAAAAATG CTCGACCCAC ATTTCCCTGA TCTTTTGGTT TTATCTCATG

198301   ATGAGCTTCC TAAAGAAATC CCTATTTCCT TCTTAGGGAT CGTTTCAGAT

198351   GAGGTTTTAG TTCCTTAATT TAATTTAATC TTCTGTAAGC ACTATTACTT
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198401  TCGTATTTTT TTTGTTGGTG TAAATATTGT TTAAAAATTT TTTTTGAATT

198451  AATCTAATAA ATAACTAGAT AAAAAAAAAT TTGTGAAAAC ACAGCAAACT

198501  CAAAACATCA TAGAGGTTTG GAACTTCTAC TGGGAGACTC AGGAAATAGA

198551  GTATCGCGAT AGCTTAATTG AGTTCTATTT GCCTTTAGTA AAAAGTGTGG

198601  TTCATCGTTT GATTTCAGGG ATGCCTTCCC ATGTAAAGAC CGAGGATTTG

198651  TATGCTTCGG GTGTTGAAGG TCTCGTCCGT GCGGTGGAAC GTTATAATCC

198701  TGAGAGAAGT CGTCGTTTTG AAGGTTATGC GGTATTTCTG ATTAAGGCTG

198751  CCATTATTGA TGATCTGCGT AAGCAAGACT GGGTTCCTCG TAGTGTCCAT

198801  CAAAAAGCGA ATAAATTGTC AGGAGCTATG GATTCTCTTC GCCAGTCTTT

198851  AGGCAAGGAA CCCACGGATC TTGAACTGTG TGAGTATCTC AATATTTCGC

198901  AACAAGAGCT TTCGGGATGG TTTGTATCTG CCCGTCCTGC ATTAATCGTG

198951  TCTCTGAATG AAGAGTGGCC TTCACAAAGT GATGAAGGAG CCGGAATGGC

199001  TCTTGAAGAG AGAATCCCCG ATGAACGTGC CGAGACAGGG TACGATGTTG

199051  TAGATAAACA AGAATTTTCT TTATGTTTAG CCAATGCGAT TCAGGAACTT

199101  GAGGAAAAGG AACGCAAGGT CATGGCCCTG TACTACTATG AAGAACTTGT

199151  CCTTAAGGAA ATCGGTAAGG TCCTTGGGGT AAGTGAGTCT CGCGTCTCTC

199201  AAATTCACTC TAAAGCATTG CTTAAGCTTC GCGCAGCACT CTCTGCATTT

199251  CGATAAATAC AGTTCTCAGG TTTTAAGAGC AGTCCTAGAG CTAGGAGAAG

199301  CCCTCCTACG ACACAGAGTA ATCCGTAAAG AATTTGTTTA GTCAACGCCA

199351  TAACAATGCA GCCAGCAATT GTGAAGATTG CTCCTACAAT CAAGAGAAGA

199401  ATGCGGGGCA GCCATTCTTT AATACGTTCG GCTAGGGTAG AGGTAGGAAG

199451  GGGTGCCTTG CTAGTTGTGG CATTTAGACT AGTTGCGGCG TTTAGCATCG

199501  ACGGAACCCC AATTGGAGAT GTAGACATAG CGACCTAATC TTTAGAGAAG

199551  ATAGAAGTTA TGGTATCTCA GCAAAGGAAT TATTCTCAGC GTACAATCTT

199601  TTCTTTATTG TTAGATAGGT GGTGCCTTGC ATATAAGCTT TAGGATCGAT

199651  AAGATAGAGC TTGGCAATTC TTAATTATGT ACGATCACTC ATGCAATCCT

199701  GGTTACAATC TTTACAAGAG CGAAATATTT TAGAGAATTT TACCGCAGGT
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199751  TTGGAATCCG TAGAGGGACC TATCGCCGCT TATTTAGGAT TTGATCCTAC

199801  CGCACCTGCT CTACATATTG GTCATTGGAT TGGGATTTGT TTCTTGAAGA

199851  GACTCGCTGC TCTGGGGATT ACCCCCATAG CTTTAGTCGG GGGAGCCACA

199901  GGTATGGTTG GAGATCCCTC AGGGAAACAG AGCGAGAGAT CGTTACTTCA

199951  GACAAGTGAA GTTTTTGATA ACAGTCAAAA GATCACGGCG TGTCTCCAGC

200001  GCTATCTTCC CGGGGTGACT CTTGTAAATA ATGCAGACTG GTTGCAGGAG

200051  ATCTCCCTGA TTGATTTCTT AGGGGATATA GGAAAACACT TTCGTTTAGG

200101  CCAAATGCTA GTGAAAGATA CAATAAAGCA GCGGGTGCAT TCTGATGAAG

200151  GAATTAGCTA TACCGAGTTT AGCTATTTAA TCCTGCAATC CTATGATTTT

200201  TATCACTTAT TTAAAAATTA TGGCACGATC TTGCAGTGCG GTGGTAGCGA

200251  TCAGTGGGGG AATATTACTT CAGGAATCGA TTTTATTCGC CGTAAAGGGT

200301  TGGGTCAGGC CTACGGCCTT ACCTATCCTT TATTAACGAA TGCTCAGGGG

200351  AAAAAAATAG GGAAAACAGA GTCGGGAACT GTATGGCTCG ATTCAGATTT

200401  AACCTCTCCT TTTGAGCTGT ACCAATACTT ACTCCGTTTG CCCGATGATA

200451  CCATCCCTAA AATTGCTCGT ACGTTAACTT TATTGAGCAA TGAAGAAATT

200501  CAAGATATTG ATAGGCGTGT ACAGACGGAT CCAGTTGCAG TGAAGGAATT

200551  TGTAGCCCAA GATATCTTAA GTGCTATTCA TGGAGATCTA GGGCTTGAAG

200601  AGGCTCTTTC TGTAACTCGT AGCATGCATC CAGGGAATCT TTCATCCTTA

200651  TCGGAAAAAG ATTTTCATGA ATTGTTTGCA GGAGGGATGG GGGCCTCATT

200701  GGATAAATCC GAGGTGTTAG GGAAACGTTG GTTAGACCTA TTTCTTGTTT

200751  TGGGACTATG TAAATCTAAA GGGGAAATTC GAAGGCTAAT TGAACAAAAA

200801  GGGGTATATA TTAATAATGT GCCCATCGCT AATGAGCATA GTGTTTGTGA

200851  AGAACAAGAC ATCTGTTATG GTCACTATGT GTTGTTGGCT CAAGGTAAAA

200901  AACGAAAGCT TGTTCTATAT TTAAATTAGT TTAAGGAGGC TAGGTAGCTT

200951  TGCAAACGAA TATTGGTCTT ATTGGCTTAG CTGTCATGGG GAAAAATCTT

201001  GTCTTAAACA TGATAGATCA TGGTTTTTCT GTCTCTGTCT ATAATCGGAC

201051  CCCAGAGAAA ACGCGGGACT TCTTGAAAGA ATACCCTAAC CACCGAGAGC
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149

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201101  TTGTAGGGTT TGAATCTTTA GAAGATTTTG TGAATTCATT GGAGAGACCA

201151  CGAAAGATCA TGTTGATGAT TCAAGCAGGG AAACCTGTGG ATCAGAGCAT

201201  TCATGCGTTA CTGCCTTTTC TAGAACCCGG CGATGTGATT ATCGATGGGG

201251  GGAATAGCTA TTTTAAAGAT TCCGAACGAC GATGTAAAGA GTTGCAAGAA

201301  AAGGGGATTC TCTTCTTAGG CGTGGGGATT TCTGGAGGAG AAGAAGGTGC

201351  ACGTCACGGC CCATCAATTA TGCCTGGAGG AAATCCTGAG GCGTGGCCAT

201401  TAGTGGCTCC TATTTTTCAA TCAATAGCAG CAAAAGTACA GGGCCGTCCC

201451  TGCTGTTCTT GGGTAGGAAC TGGCGGTGCA GGCCACTATG TAAAGGCTGT

201501  TCACAATGGT ATAGAATACG GCGATATCCA GTTGATATGC GAAGCTTACG

201551  GTATCTTAAG AGATTTCCTA AAGCTCTCCG CAACTGCCGT TGCTACAATT

201601  TTGAAAGAGT GGAATACTCT AGAGTTGGAA AGCTATCTAA TTCGTATTGC

201651  TTCTGAAGTC CTAGCATTGA AAGATCCGGA AGGAATCCCT GTTATTGATA

201701  CGATTTTAGA TGTCGTGGGC CAAAAAGGTA CAGGAAAGTG GACCGCAATC

201751  GATGCTTTAA ATTCTGGAGT TCCCCTTTCC TTAATCATAG GAGCTGTTCT

201801  TGCTCGTTTC CTTTCTTCTT GGAAAGAGAT ACGCGAGCAA GCTGCCCGTA

201851  ATTATCCAGG AACCCCCTTA ATATTTGAAA TGCCCCATGA TCCCTCGGTA

201901  TTCATACAAG ATGTCTTTCA TGCTTTATAC GCTTCCAAGA TCATCAGCTA

201951  TGCTCAGGGA TTCATGCTTT TAGGAGAAGC TTCAAAAGAA TATAATTGGG

202001  GATTAGACCT AGGAGAAATT GCTTTGATGT GGCGCGGGGG ATGCATTATT

202051  CAAAGTGCAT TTTTAGATGT TATACATAAA GGATTTGCTG CCAACCCAGA

202101  GAATACCTCG CTCATCTTCC AAGAATATTT CCGTGGAGCA TTACGCCATG

202151  CGGAGATGGG ATGGCGTAGA ACAGTAGTGA CTGCAATTGG TGCAGGGCTA

202201  CCTATTCCCT GTTTAGCAGC AGCAATCACG TTTTATGATG GCTATCGTAC

202251  AGCAAGCTCT TCAATGTCGT TAGCTCAAGG ACTGCGAGAT TATTTTGGAG

202301  CTCATACCTA CGAGCGTAAC GATCGCCCTC GAGGAGAGTT CTATCATACC

202351  GATTGGGTGC ACACGAAAAC TACAGAAAGA GTGAAGTAAA AATAAAAAAT

202401  CTCGAGAAGA CCCTAGGTAG CTCGAGATTT AGTTCACCAC TACCGAATTT
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202451  TCAATTGTAA GCAGTGTGCT GATTTTAAGC GTCAATGTTA ATCTAATTTT

202501  AGAACTTCAA TGAAAGCTGT ATTGGGAATG GAAACTTTTC CAAATTCCTT

202551  CATACGTTTT TTTCCTTTCT TTTGCTTTTC CCACAGCTTG CGTTTCCTAG

202601  TAATATCTCC GCCATAACAC TTTGCGGTCA CGTTCTTAGA AAGCGCACGA

202651  ATCGTTTCTC TGGCAATGAC TTTTTTGTTA ATGGCAGCTT GGATGGGAAT

202701  CTTGAAGAGT TGTTGTGGAA TCACGTCCAC AAGCTTTTCG CAGATACTTC

202751  TTCCACGAGA TTCTGCTTTA TCTCTATGGA CTAAACAAGA AAAAGCATCT

202801  ATGGGCTCCT CGTTAATAAG AACCTCTAAT TTGATGATCG ATCCCTTACG

202851  GTAATCCCCA AGACGGTAGT CAAAGGATCC ATAACCTTTA GTTACTGACT

202901  TCAGCTTGTC ATTGAAATCC GAGACAATCT CATTTAAAGG GAGTTCGTAA

202951  GCAAGAACTA GACGGTGCTG ATCTAGCATT TCTGTTTTTA CGCAGATCCC

203001  ACGTTTATCT AAACAGAGGT TCATAATGTT GCTCAGATAT TCTTGAGGGG

203051  TGATAATATT CACATGAACC CAAGGCTCTT CCACATGCTC GATGATCGCA

203101  GGATCCGGAT ATCCTGAGGG GTTATCAATA TCTAGAACTT TCCCGTTTTT

203151  TAAGACGACT TTATAGATGA CACTTGGAGC CGTTGCAATA ATATCTAAGT

203201  CAAATTCTCG AATGATTCTT TCAAAGATAA TCTCAAGATG AAGAAGTCCT

203251  AAGAAGCCAC AACGAAAACC AAAGCCTAAA GAGTGACTGC TTTCTTGTTC

203301  TATAGTTAAA GCAGAATCAT TGAGCTGTAG TCTTCCTAAA GCATCTTTCA

203351  AAGTATCAAA ATCAGAAGAA TCTATAGGAT AAATTCCAGC AAAAACTACC

203401  GGATTGATCT CTTTGAAGCC TTCCAAAGGA GTTTTTGCAG GATGTTTTGT

203451  TTTCGTGACT GTATCGCCGA TCTTCACATC CTTCACTTTT TTGAGATTGG

203501  CAATAAAAAA ACCCACCTGA CCAGGGCGTA AGGAACCTTC TATAAATGTT

203551  GCTTTAGGGA GAAAGGCCCC TATACCTAAG ACTTCAAACG AGGAGCCTTT

203601  AGCCGCCATA AAAGTAATGC GGTCTCCTTT TTTTAATTCC CCGCTAATAA

203651  TGCGTACGTA GACCATAATG CCAACGTAAG GGTCATAATG AGAATCAAAG

203701  ACTAAAGCTT TAAGCTCTGT TTCTGCAGGT GCTTTTGGAG GAGGAACAAG

203751  ATCGATAATT GCTTTCAGGA TTGCAGGGAT CCCCTGACCT GTTTTTGCAG
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151

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203801   AACAGGCAAT AATGTTCGTA GTGTCTAGGC CTATATAATC TTCAATCTGT

203851   TGAGCAATTC TCACGGGATC AGCGGCAGGT AGATCAATCT TGTTTAATAC

203901   AGGAATGATC TCTAAATCTC TTTCAAGGGC CAGGTAGACA TTAGCAAGAC

203951   TTTGTGCCTG CACCCCCTGG GCGGCATCTA CAATAAGTAA GGCGCCCTCA

204001   CATGCAGATA GAGATCGAGA GACTTCATAC GAAAAGTCCA CGTGACCAGG

204051   GGTATCAATC AGGTTCAGTT GATACACCTC TCCTTCATAT AGATACGTCA

204101   TGGTGACAGG ATGAGCTTTA ATTGTAATGC CACGCTCTCT TTCAAGATCC

204151   ATGGAATCTA AGAGCTGCTC ACGCATCTCC CGTTCTTCTA CTGTGCTCGT

204201   ACTTTCTAAA AGGCGATCAG CAATTGTAGA CTTCCCGTGA TCAATATGCG

204251   CTATGATTGA AAAATTGCGA ATGTTCTCTA TCTTATATTC TTTCAAAATG

204301   TACTGTAGTG TTATCTAGGT TTATTCCTGG TTTCATAAAG CTGCATTGAG

204351   AAGGCTCCTT CAGACAAAGA CCAGCTTCTC AAATACTTTT GCGGACTGCA

204401   TCTCTTTATT AGCAAAATGA TCATGCGGTC ATCTTTAGCT TTGGATAGAT

204451   GAAAGTATAA TAGATGAGAT GTAGAAACCA CAAGGGTTTA AAGTCGAATC

204501   TGATTTGAGG TAGAGTTCCA GAGTGGCTAG CAGTAGAAAA AACTAAGTGA

204551   GAAGAAGTGC TCTCCGTTAG TATGAAACTG ATTCCCACTC AGGATTCTAT

204601   AGAAAGGGAA ACCGATTCTA AAAGAGATAA AAAAATATTT ACCATTTACA

204651   TATGTTCATC TAAAGTCCTT GCGGGTCATT TTTTCAGTCA TTTAGACAAG

204701   CATAATAAAA TTCATGAAAG CATTGGGGTT TGAGATAGTT AAATCGACTC

204751   GATCCAAGAG TATAAGAGAG GAATGAGTGT TCTTATGTCC GAGATAGTGC

204801   TCTTCAATGT AGTGAAGAAC TGGAAAGTCA GGAGATCTAT TTGAGTAGGA

204851   GTTCAGGTCT TCGCAATCGA TTTTTTCAAG CTCTGGAGTC TATGTGAAAG

204901   AAATTTATAG AAGTAAAATA ATTCCATGAA TTCTAAAATG ATTAGGAAAA

204951   TAATATAACA CGCTGATACT CAAGTCACAA TGGAGCTTCT ATGGTTAATA

205001   TACAGCCTGT GTATAGGAAT ACCCAAGTCA ACTATAGTCA GGCTACCCAA

205051   TTTTCGGTGT GCCAGCCAGC GCTTAGCCTG ATTATCGTTT CTGTTGTTGC

205101   TGCTGTACTC GCTATTGTAG CTTTGGTATG CAGTCAATCT CTTTTATCCA
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152

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205151   TAGAGTTAGG AACTGCTCTT GTTCTAGTTT CTCTTATTCT TTTTGCTTCT

205201   GCTATGTTTA TGATTTATAA GATGAGACAA GAACCTAAGG AGTTGCTGAT

205251   CCCTAAGAAA ATCATGGAAC TCATCCAAGA ACATTATCCA AGTATTGTTG

205301   TTGATTTTAT TAGAGATCAG GAGGTTTCCA TTTATGAGAT ACATCACTTG

205351   ATCTCTATTC TTAATAAGAC GAATGTTTTC GACAAAGCAC CAGTATATTT

205401   ACAAGAAAAA CTCTTACAGT TTGGCATTGA GAAGTTCAAA GATGTACATC

205451   CAAGTAAGCT CCCTAATTTT GAAGAAATTC TTCTACAGCA TTGCCCATTG

205501   CATTGGTTGG GACGTCTGGT ATATCCCATG GTATCGGATG TCACTCCAGG

205551   AACCTATGGA TACTATTGGT GTGGTCCTTT AGGACTGTAC GAGAACGCTC

205601   CCTCTCTTTT TGAACGTCGA TCTCTTCTAT TGTTAAAGAA AATTAGCTTT

205651   GGAGAGTTTG CTCTTTTAGA AGATGGTCTC AAGAAAAACA CGTGGAGTTC

205701   TTCGGAACTC GTTCAAATCA GACAAAACCT TTTTACAAGA TATTATGCTG

205751   ATAAAGAAGA GGTAGATGAA GCAGAGTTAA ACGCTGATTA CGAACAGTTT

205801   GATTCCCTCC TTCACCTTAT TTTTTCTCAC AAGCTCTCTT GAAAGCAAGT

205851   GCAATTATTT CAATATATGA ATGAGTCCGG ATGGGATTGG CTTTGTGATT

205901   TTGATTCTCA AGGCGAGGGA TTCCAGTTAT CACGTCTGGT TGGGCTGTTA

205951   CATTCGTCCT GGGCATTATA CGAAGCAAAA GAGCAATTTT ACCTTCCTGA

206001   GGTTTCTCTA TTGACCTGGG AAGAACTGAT AGAAATGCAG TTATTAAGCA

206051   AACCAACAAA ACACGGGGTT GCAAAGATC TTTGTAATGT ATTTGAAAAA

206101   CACTTTCAAA GGTTTAGACA GTACCTAGGT TCCTTAGATC TAAATCAAAG

206151   GTTCGAAAAT ACCTTCTTGA ATTATCCTAA ATACCATTTA GATAGGGAGT

206201   GAGAAAAAAA TCCTAGGTCA GCTTGGCAGA AATTTTTGAA ATCCTTAAGT

206251   GTTCGATCTG CATTTTTTTC GGGGATTGTA AAAAGTTTGC CTAATCTGAA

206301   GGGTAAGAGA GAGCTATTTT TCATGGGATT TTTTATTACA GGAAATTCTT

206351   GAATTAGAGA TTTTTATTTA CACATAATCT ATACTGCCTT CAATAGATCT

206401   ATATCTAAGG AGTTGGCTAT GAGCATGACG ATCGTTCCAC ATGCTTTATT

206451   TAAAAATCAT TGCGAGTGTC ATTCTACCTT TCCTTTGAGT TCAAGGACTA
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153

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206501  TTGTAAGAAT AGCCATTGCC AGCCTCTTTT GTATAGGTGC ATTAGCAGCT

206551  TTAGGCTGTT TGGCTCCTCC CGTTTCTTAT ATTGTTGGGA GTGTTTTAGC

206601  TTTTATTGCC TTTGTCATTC TTTCTTTAGT AATTTTAGCT TTGATTTTTG

206651  GAGAGAAGAA GCTTCCACCA ACACCAAGAA TCATTCCTGA TAGATTTACT

206701  CACGTGATAG ATGAAGCTTA TGGCCTTTCA ATCTCTGCAT TTGTAAGAGA

206751  ACAGCAGGTA ACATTAGCCG AGTTTAGACA ATTTTCTACT GCCCTGTTGT

206801  GTAACATATC TCCTGAAGAG AAAATCAAAC AATTGCCTTC TGAATTGCGA

206851  AGTAAAGTAG AGAGTTTTGG TATTAGCAGG CTCGCAGGTG ATTTAGAAAA

206901  GAATAATTGG CCAATATTTG AAGATCTTTT AAGCCAAACC TGCCCGTTAT

206951  ATTGGCTTCA GAAATTTATA TCAGCAGGAG ATCCACAAGT TTGTAGAGAC

207001  CTAGGTGTCC CTAGAGAATG TTATGGGTAC TATTGGCTAG GGCCTTTGGG

207051  ATACAGTACA GCTAAGGCTA CAATTTTTTG TAAAGAGACG CATCATATTC

207101  TTCAACAATT AACGAAAGAG GACGTTCTTT TATTAAAAAA CAAGGCTCTT

207151  CAAGAGAAAT GGGATACTGA TGAAGTCAAA GCAATTGTAG AGCGTATCTA

207201  CACTACCTAT ACGGCACGAG GAACTCTAAA GACCGAAGCA GGGGGACTTA

207251  CAAAGAGAC AATCAGTAAG GAATTGCTAT TGTTGAGCTT GCATGGCTAT

207301  TCTTTTGATC AGCTACAGCT GATCACTCAA CTTCCTAGAG ATGCTTGGGA

207351  TTGGCTGTGT TTTGTAGATA ACAGTACCGC ATACAACCTT CAGCTTTGTG

207401  CTCTTGTAGG AGCTTTGTCA TCCCAAAATC TTCTTGACGA ATCTTCTATC

207451  GATTTTGATG TAAACCTAGG CCTGTATGTG ATTCAGGATC TAAAAGAAGC

207501  TGTTCAAGCA TTTTCTGCTT CTGATGAGCC AAAGAAAGAA CTAGGTAAAT

207551  TCTTGTTAAG GCATTTGAGT TCAGTTTCTA AGCGATTAGA GAGTGTATTA

207601  AGACAGGGTC TTCACAGAAT AGCTCTAGAG CATGGAAATG CCAGAGCTAG

207651  GGTTTATGAC GTCAATTTTG TAACAGGAGC TAGAATTCAT AGGAAGACGA

207701  GTATCTTCTT TAAAGACTAA ACCAGGTAAC TAGCTTTTTA GTCTCGAAAG

207751  GGGCTACGAG AGGGAGTAGA ATTTTTCTTA TTCCAAAATA GAAATCTCTA

207801  ACCTATCAGC AGGGAGGACT CGTCTTCTTC AGGTTGGGAG AAGACGCTTC
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154

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207851  TCTTGAGTGG ATGGACTGTT ATAGGTGGTA AGCTTCTAAA GGTGGAATTA

207901  TGAGTTGCTA AATTCTCAAG GAACATCGCT ATATTGGTTG ACTGACGACG

207951  GATCGTTTTA AACTGATCTA AACTAAGGAG TGTCAATGAA GAAAGAAATG

208001  CTTCGCTTTC TTTATGAATT AGGCCTTGTG TGTAGAGAGT ACCAATTAGA

208051  GAGGCAAATT CCATGTCTTG GGGTCGTCCT GTATGGTCTA AAGTCAAGCA

208101  ACAGAGGTTT TCCCATAAAT CAGCCGGGAC TGTTTTTATT AAGGACATCT

208151  GCTTCCACGA GTACCTATGC TTAAAAATAC ACAAGAGCAG GTTATAGAAT

208201  TCATCCTCTT GAAGAGAGGG TTGAGATAGA TGTTTATAGG ATTGATACGC

208251  CGCATGATAT TTAGCAAAGA GCTGCTGTTT CATAGTATTT AGATCACTAT

208301  GATTCAGGTT CCACTCGCCA TTTAATGCTG CATACTTAAG ATGTTGAAAA

208351  ACATCACGAG TTAAGACTCT AGCTAAAACT AATGTGTGTA GATTTAGAAT

208401  AGAGGAATTT GTTGGTCTAA AATCTAAAGG AATCAACCAA TAGGTAGGAA

208451  GCATCTCTGG TTTTATATAA TCACTAAGGT CTTCTTCGAG GCTGCCTCCA

208501  ATTTTCTTAA CTCGATGGAG CTCTACAACC TTGCTGCCTG CAGAAATAAA

208551  CTCTCCTAAC CAGAAAAATG GAAATACCTT TTGTAAGATT TTTGGTAAAG

208601  AGGGGAAGAG GGGACGGGAA GAAGCAGCGC TTTCAAGTCT TTTAAGAGAA

208651  GCAGTACGGA CTTCATTTTT TAAGCGTGCG ATACCCTCGA ACGTATCTAT

208701  TTTCTGTTGT AGTTCTTCAG ATACGTTGTA ATTTGTAGAT GATCCAACTT

208751  CAGAGTGCAA TTGATTTAGA AGATCAATAA AACTTATGAG ATCTTTAAGA

208801  TTTGGTTTAG CTTCTGAAAC AAAATCAGAG ACAAATTTAG GATAGTGCGC

208851  CCTGATTCTA TTTACGAGTT CTTGGGGGAA TACTTGTTCT TTTGATGAAA

208901  TCATAGGCGT GATTTTTTTT ATTCCTAAAA TCACACCAAT CAAGGCTATT

208951  AATAATCCTA ATCCTAACAA TGCGCCACTT AGAATATAGG AAACAGGAGC

209001  TGCTACACAC AAGAAAGCTA TCAAAGCTCC GCAGAGTAAG ATGGCACTGA

209051  TAACAATATG AATAGTGGTT GAATTCTTTA ATTCAAAATA ATAATTACAA

209101  GAGCGATTAT TTTGAATAAC TGGCGAGGTT ATATTACTCA TACATTTCCT

209151  AGGCTCATCA ATTTGCGTAT TATATCGTAA ATTTAACAAA AATCCTATTA
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155

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209201   ATAGAAATGT TTTTATTTTT AAAATTTTTA TTGAAATTGT TTTGTATTAT

209251   TGATGAAAAG TTTTCATTGA AGATAGCTTC TAGAAGAAGA ATAACGAGAG

209301   AGCTTGTTAT GCTTTTTTTA AAAAAAGGGC GAGCCCCTTT TTGTTCTTTT

209351   CCCGATTGGG AATAACGTAT TCTTTTTATA AAAATTAAAG ATTTTTTTAT

209401   ATTTCTAAAT CTCAATTATA AAAAGTCTTT CAAACGCAAT TTGCTTGTAG

209451   GTATTGCAAA TGATCAGACT CCCCTTATAG GGAAGATCGT ATAGGGAGAC

209501   TGCTTTCTAT TTTTTTCTCT AGTTTGTAGG TTTGGGCGTG GAAAGCATAC

209551   TGAGGTAAGC TTGATGTCCA TTGTGAACTC GTATTACGAA CAAATTGCCA

209601   TCGTTTTAAC AGATTTTGAT GGTGCGTTGT ATTTACGCAT ATCTTCTGAA

209651   CAAGAGCACT CGCTGGGTGC ATAGGACTTT CTTTTACTTT CTCTAGTAAA

209701   ACCTTCAATT CTTTCCACGT CATGAAGTTC ACTGTAGGTT CATAGTTAGA

209751   GGATACTGGA TCGAACATAT TTGTTTCAGT ATTCAAAAAG CCTCCAAATG

209801   TTGCCATGGA ACAGTGGCCT CCTGCTTTAT CAAACTGACA CAACATTTTC

209851   CAATTATCAG GATTTATAAG TTGAATCATC TGAGCCTGTT CCCAAGTGAT

209901   ACCATGAGAA AAGAAAAGAA ATAAGAATTG TGAGATTCCT TGAACATCCT

209951   TCCGGAAAAT CATATTGTGG GGGAGTTCCT TGAATATTTC TTCGCAGGTT

210001   TTTTTCACAG AAGGAGAATC CCATTGATTC TTAGACGCTT TACTATATAG

210051   GAACTTATAC TGTGATTCTG AGATTAATGT TAGTAGAGGG CGTGTATAAG

210101   AGTGGAAAAT AGTTGTATAT CCTTTATGAA ACGCTAAGGG CCCAAGTAAA

210151   CCATAAACTT TTTGTGTTTT ATTTAATCCG ATTTCCCCAG CAACAGATTC

210201   AGTTTTGTCT ATAAAATGGG AGAGCCAGTA TAACGGGCAG TTTTGAAGAA

210251   GAATCTCTTC GAACTCTGGA AACAGGGTTA AATCTATAGA TTTTAGAATA

210301   TCGATCCCGA AAGCCTCTGC TTTTTTATGT AAATTCGGAG GCAGGTCTGT

210351   ACCGCTTTTC CAGCAATTAA TAAATATTTT TAATTCGTTA ACAGTCAGGG

210401   AGTGTGTTTT CACGAAATAA AAGACTTCTT TAGGATAGCG ATTGTAAATA

210451   ATCTTCTGAA GTTCGTTGGG GATGGGCAGA ACCTTTGATT TAGCTAGCAG

210501   TGCTACGACT AGCGTTATAA TCAAGATTAC GATAGCGGCT AAAGCTAAAG
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156

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210551  TTCCTCCAAT AGCATAGCTA ATCGGCGCAG CAAGGAAAAC AAAAGAAAGT

210601  GCGCTAACAA GAGCTAGAAC AAGCCCAAGA ATGAGTCGGG CAATTGTCCT

210651  AATTTTTAAA GAACAAGATC TATGACATTC GCAGTCATTT TTTAAAAATA

210701  TATGGGGAAC TAGTGTTAAA GGACTACACT TCATAGTACA ACCAGAATGT

210751  CTCACGGTTA TTATAACCTT TTGATTGAAA AAAGCGTACG AATTCGTGAA

210801  ATGGGAGTTA ATAAAAAAAA TCCCTACCCA CTAAAAAGCA GGTAGGGATC

210851  AACAAGAGTA AGAGAAGCAA CTCTATGAAG AAGCAGGAGC TGAATCTTCT

210901  TGAGCCACTT CTTGTTCTTT AAGAGCAGAC TGCGCTAAGA ATAGTTTGTT

210951  TAACTTAGTT GCAGAAACCA ACCAAATAGC AATGATGAAA AGAAGAATCA

211001  CTGCAAGATA AGGGGTCATA GCTCCAATAC TTCCACAGAT AACGAGCAAA

211051  CCTTGTTGGA TTAAAGCTCC TCCTGATTTT CCGAAGCGGG CAGCAACTAC

211101  ATCAATAGCA GCCTTACCTT TGACTTTTTG CTCTTGGTCA AGAGGGATAT

211151  AGGCCATTTC TTTAGTTGAG TCAAAGAGAG CGTATTTTGT GGATTTCGAA

211201  AGAATATTCT GTATAGCTCC GACAACCACA GCTAGCATGA GAGGAGTTGT

211251  ACCGAACATA GCGACCAGCC CAGAAGCTTG GTTTCTAAAG ATAACAAGAG

211301  CGAAGAAAAC GATACCTGTT AGGAGAACCA TGACAGGAGT GACTAGGGCT

211351  CCAGTTAACC ATCCAAATTT ACGAATGACG TTACCACCAA CAAATAGCAT

211401  GATAAGTACG GATACTACGC CAGTCCAGAA GGAGAAGTTC CCCATGAACT

211451  CACTATAGTC ATTCATATTA GGATATTGCA GTTTCAGCTG ACTTTTCCAA

211501  GTCACTTCGA TTAAGTTAAT GCAAATACCA TAGGCAATAA CCAAGAGAGC

211551  TAATAAAAGA ATATAAGGAG ATCTAGCAAG ATAGAGGAAG CTATCTTTCA

211601  TATTCATTTT AGGTTTAGCA CCTTTTTTCC CCTTTTGCAT TTCTTCTGGA

211651  TTATAGAAGC GAGGATCGGT CAATACGTTC TTATTGATCC ACCAGTAACT

211701  GGCCATAAGA ACAAGTCCAG ATACAATAGT CATAGCCATC AAAAGACGTA

211751  AAGAAATTCC CCAAGGATCT ACACCTTCAG AAACGGAAGC TCTCAACTTT

211801  GAAGCCCAAA CAATTGCACG ACCAGAAGCT AGTAAAGAAA TATTAGCTCC

211851  GATACCGAAA AGAGCGTAGA AACGCTTTGC TTCGTGGATT TTTGTAATTT
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157

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211901  CATTAGCAAA TCCCCAGAAC ATTAGAGATA GCATGACGCT TCCCCATAGT

211951  TCAGCAAGTA CATAAAATGC AGCAAATGTC CAGTTTCTTA AGATGGCAAC

212001  GAGTCCTAGC AATCCTGGAG GTAGGATGGC CTGTAAACGG TCAGCAAATT

212051  CTGTAGGATG TAAAACATCG CGTAGCGGAT AAATTACAGT CGGGAACAGG

212101  GCAAAGAAAA TTAAAAAGGG CGTTCCCACT GCATAAAATA AGGCCTGCTT

212151  ACTTAAAATA TTACTTAGCT TTGCATAAAT AAGCATAAAG ATAATAGCAC

212201  AGGGGACAAC AAGCCAAAAC TTGATGAAAG GTATTGCCTC TGCACCAGAA

212251  CCAGGAGCTC CCACAATAAG AGTGTCTTTT GTATCGCGTA ACACCGTATA

212301  GTTAAATGTA ATACAGAAGA ACATTAGGAA CATTGGCAGA ACTTTCTTTA

212351  GCTCGTGAGT ATGTATCGGC CACAAGAAAG AGCGCAATTT TCCAAAAGGT

212401  TTTTCTTCGG TTTTTGTCAT ATTTACCCTC TGAAATACTT TTATTTTCTA

212451  TTCTGATAGT TTTTTATTTC GTTGTGGACT AACTTGAATT GTTTCCATTT

212501  CGAAAGACCT TATAATATAC CATCTTTTCT CTCTATTGAC AAGAGGAAAG

212551  GGATACTCCT AAGGGATAAG AGTTCTTAGG CGACTTTATT GCTAAGTCGC

212601  CTGTAAAATT TATTTTTTAA TTAAACGAAA GGAGAGGTAA CTTCAAGGTT

212651  GGGAGAGCTT ACAGCCTTCA CAGCTTCGAC GTAGGCATTC CATAGCTCTA

212701  CGCTCACGAT ACCGTTGCGA ATCGAACGAA TTAACTCCCT TTTTAAAGAA

212751  GTTAACGGTT TTTTAGGGCT AAAGCGAGCG AGGAGGTCTT TGTCTCCAAC

212801  TTGTCTTGCC AGTTCTAAAA CGCGTTCAAT ATCTGTTTTA GTAAAGTTAA

212851  TAAAGTCACG ACGTTTTTTA GAGCCTCTAG GAGCTCTAGG CTTAGGATTA

212901  ATTGTGCGTG GGGTTTCCGA TTCTAAAATA AATGTTTTTA ACATTTTTAA

212951  AAGTTGTTCG GGAGCAGCGC TTTTCATCTT TTTTAGAGTG AAATGATGCA

213001  TATAACCGCC GCTAGGGCCT GGAAGATAGC GACATAAATC GTTTTCTTTG

213051  TTTCCGCAGA CTCTTTTAAT AGCTTTTCCG ATCAGTTTTT CTATTTCTTC

213101  TTTTATATGT GATTGTTCTA CGGCCATGAA ACCCACCTTT TATAATTGAT

213151  GCTTACATAT TTTACAAGAA AGAATGTGGC ATACTTTCAA TTTAATGTTT

213201  AGAGAAATAA AATTAAAGCG CTGTTTTAAT CAATCAGCGA ACATAAATTA
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158

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213251  TATTGCAAGT TCTCCTTTTT GCAATATTTT TCCTCTCAGG ATCTTTTTGT

213301  TTCTTAACAA AATTCAAAAC ATAAAAATCG TAAAGTAAAG AAGATTTTTT

213351  CTATAACATT TTGTTTTCTT ATAAAACAAA CGGGTTTTCT AATTTTTTTA

213401  AAACTATCCT GAACAAAGAT ATTTCTTTCA TTTCTATTAG TTGTATTTCT

213451  TGCTGGATAA AATATATTTT GAATAGAACT TGTTTTTCTG GTACTTTAAG

213501  TGGTTTTTAA TGGATCTTAA AAAATGCTTC TAGAGAGATG GATGCGAAAA

213551  TGGGATATAT ATTTAAAGTG ATGCGTTGGA TTTTCTGTTT CGTGGCATGT

213601  GGTATAACTT TTGGATGTAC CAATTCTGGG TTTCAGAATG CAAATTCACG

213651  TCCTTGTATA CTATCCATGA ATCGCATGAT TCATGATTGT GTTGAAAGAG

213701  TCGTGGGGAA TAGGCTTGCT ACCGCTGTTT TGATCAAAGG ATCCTTAGAC

213751  CCTCATGCGT ATGAGATGGT TAAAGGGGAT AAGGACAAGA TTGCTGGAAG

213801  TGCCGTAATT TTTTGTAACG GCCTGGGTCT TGAGCATACA TTAAGTTTGC

213851  GGAAGCATTT AGAAAATAAT CCCAATAGTG TCAAGTTAGG GGAGCGGTTG

213901  ATAGCGCGTG GGGCCTTTGT TCCTCTAGAA GAAGACGGTA TTTGCGATCC

213951  TCATATCTGG ATGGATCTTT CTATTTGGAA GGAAGCTGTC ATAGAAATTA

214001  CAGAAGTTCT CATTGAAAAG TTCCCTGAAT GGTCTGCTGA ATTTAAAGCA

214051  AATAGTGAGG AACTTGTTTG TGAAATGTCT ATTTTAGATT CTTGGGCGAA

214101  ACAATGCTTG AGCACAATTC CTGAAAATTT ACGGTATCTT GTCTCAGGTC

214151  ATAATGCGTT CAGTTACTTT ACACGTCGCT ATTTAGCTAC TCCTGAAGAA

214201  GTGGCTTCCG GAGCATGGAG GTCTCGTTGT ATTTCTCCTG AGGGTCTATC

214251  TCCAGAAGCT CAAATCAGTG TTCGTGATAT TATGGCGGTT GTAGATTATA

214301  TTAATGAGCA TGATGTCAGT GTGGTTTTCC CTGAGGATAC TCTGAACCAA

214351  GATGCGTTGA AAAAAATTGT TTCTTCTCTG AAGAAAAGTC ATTTAGTTCG

214401  TCTAGCTCAA AAACCATTGT ATAGTGATAA TGTGGACGAC AATTATTTTA

214451  GCACCTTTAA ACATAATGTC TGCCTTATCA CAGAAGAATT AGGAGGGGTG

214501  GCTCTTGAAT GTCAAAGATG AGACTTTTTG GTCTGTACAC AACCTTTGTG

214551  TAAACTATGA GCATGCAGCC GTTCTTTATC ACATATCCTT TTCCTTGGGA
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159

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214601  AAGGGGTCAT TAACTGCTAT TTTAGGTCCT AATGGAGCTG GTAAAAGCAC

214651  TCTCTTAAAG GCTTCCTTAG GCCTGATCAA ACCCTCTTCG GGGACTGTTT

214701  ATTTTTTTAA TCAAAAATTT AAGAAGGTGC GTCAGCGCAT AGCCTATATG

214751  CCTCAGAGAG CTAGCGTGGA TTGGGATTTT CCAATGACTG TCTTAGATTT

214801  AGCCCTTATG GGGTGTTACA GCTATAAAGG AATGTGGGGG AGAATTTCTT

214851  CGGATGATCG AAGGGAGGCC TTTCATATTT TAGAAAGAGT TGGTTTGGAA

214901  TCCGTAGCAG ATAGACAAAT AGGACAGCTC TCAGGAGGAC AGCAACAAAG

214951  AGCATTTTTA GCACGTGCTT TGATGCAAAA AGCAGATCTA TATCTTATGG

215001  ATGAGTTGTT TTCAGCGATT GATATGGCTT CGTTTAAAAC ATCTGTAGGG

215051  GTTTTGCAAG AGCTGCGAGA TCAGGGAAAG ACTATCGTCG TTGTTCATCA

215101  TGACTTGAGT CATGTGCGTC AACTATTTGA TCATGTGGTT TTATTGAATA

215151  AGCGTTTGAT TTGTTGTGGC CCTACTGATG AATGTCTGAA TGGAGACACT

215201  ATTTTCCAAA CGTATGGTTG TGAAATTGAA CTTTTGGAAC AAACCCTGAA

215251  GCTCTCTCGA GGAAAACAAT TTGGATCGTG CTGATTATGC TCAGTTGTGT

215301  TTTTTCTGAT ACGATTTTCT TATCTAGTTT TTTAGCTGTC ACTTTGATTT

215351  GTATGACCAC AGCTTTGTGG GGGACAATTC TCTTGATTAG CAAGCAGCCT

215401  CTTTTAAGCG AAAGTTTATC TCACGCGTCG TATCCAGGAC TTCTAGTTGG

215451  AGCTTTGATG GCGCAATATG TTTTCTCATT GCAAGCTTCT ATTTTTTGGA

215501  TTGTGTTGTT TGGGTGTGCT GCTTCGGTAT TTGGTTATGG GATCATTGTT

215551  TTCTTAGGGA AAGTATGTAA ATTACATAAA GACTCCGCCC TTTGTTTTGT

215601  TCTTGTGGTA TTCTTTGCTA TCGGAGTGAT TTTAGCCAGT TATGTCAAGG

215651  AAAGTAGCCC TACGCTATAC AATCGCATTA ACGCCTATCT ATATGGGCAA

215701  GCAGCCACTT TAGGTTTTCT TGAAGCTACG TTGGCTGCGA TCGTCTTTTG

215751  TGCTTCGTTA TTTGCTTTAT GGTGGTGGTA TCGACAAATT GTTGTGACTA

215801  CTTTTGATAA AGATTTTGCT GTTACTTGTG GCTTAAAGAC TGTTCTTTAT

215851  GAAGCACTCA GTCTAATTTT TATATCGTTG GTGATCGTAA GTGGAGTTCG

215901  AAGCGTAGGG ATTGTTTTAA TTTCTGCTAT GTTTGTGGCT CCTTCTTTAG
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160

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215951   GTGCTCGTCA GCTTTCCGAT CGTCTAAGTA CAATTCTTAT CCTTTCTGCA

216001   TTCTTTGGAG GGATTAGCGG AGCTTTAGGA AGCTATATCT CTGTAGCATT

216051   CACATGTCGT GCTATTATAG GGCAACAGGC GGTGCCTGTA ACCTTGCCTA

216101   CGGGACCTTT GGTTGTCATT TGTGCTGGAT TATTGGCCGG TCTATGTTTG

216151   CTTTTTTCTC CAAAATCTGG GTGGGTCATT CGTTTTGTCC GTAGGAAGCA

216201   CTTTTCGTTT TCAAAGGATC AAGAACACCT TTTAAAGGTG TTTTGGCATA

216251   TTTCTCATAA TCGTTTAGAG AACATTAGTG TTCGAGATTT TGTCTGTAGT

216301   TATAAGTATC AGGAGTATTT TGGGCCTAAG CCTTTCCCTA GATGGAGAGT

216351   TCAGATTTTA GAATGGCGGG GTTATGTTAA AAAAGAACAA GATTATTATC

216401   GACTCACAAA AAAAGGAAGA AGTGAGGCCT TAAGATTAGT TCGTGCTCAC

216451   AGATTATGGG AATCGTATCT TGTGAATTCT TTAGATTTTA GCAAGGAAAG

216501   TGTTCATGAG TTGGCTGAGG AAATAGAGCA TGTTCTTACT GAAGAATTGG

216551   ATCATACCTT GACAGAGATT CTCAATGATC CTTGTTATGA TCCTCATCGA

216601   CAAATTATCC CAAATAAAAA AAAGGAAGTC TAATGGCTTT GGGACCTTCT

216651   CCTTATTATG GAGTATCTTT TTTCCAATTT TTTTCAGTAT TTTTTTCGAG

216701   ACTGTTTTCT GGAAGTCTTT TCACGGGTTC TCTCTATATT GATGATATTC

216751   AGATTATAGT ATTCCTTGCT ATTTCCTGTT CAGGTGCTTT TGCAGGAACT

216801   TTTTTAGTCT TGCGAAAGAT GGCTATGTAT GCGAATGCTG TCTCTCATAC

216851   TGTCCTTTTT GGTTTGGTCT GTGTTTGTTT GTTTACGCAT CAACTGACGA

216901   CCCTCTCTTT GGGTACCTTG ACTCTTGCAG CAATGGCAAC AGCTATGCTG

216951   ACAGGGTTTC TTATTTACTT TATTCGTAAT ACTTTTAAAG TTTCAGAAGA

217001   GAGCAGCACC GCTCTAGTCT TTTCTTTATT ATTCTCTCTG AGCCTTGTTT

217051   TGTTAGTCTT TATGACAAAG AATGCTCATA TAGGAACGGA GCTTGTGTTA

217101   GGAAACGCAG ATTCTTTAAC GAAAGAGGAT ATTTTCCCTG TCACTATTGT

217151   GATTTTGGCT AATGCTGTAA TTACTATTTT TGCGTTCCGT AGCTTAGTTT

217201   GTTCTTCTTT CGATTCTGTA TTTGCCTCTT CTTTAGGAAT TCCTATTCGG

217251   TTGGTTGATT ATTTGATTAT TTTTCAACTT TCTGCATGTC TTGTAGGAGC
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161

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217301  TTTTAAGGCT GTAGGTGTAT TAATGGCACT TGCTTTTCTG ATCATTCCAT

217351  CGCTTATTGC TAAGGTTATT GCAAAATCGA TAAGGAGTCT TATGGCTTGG

217401  TCGTTAGTTT TTAGTATTGG TACAGCATTT TTAGCTCCTG CATCTTCGAG

217451  AGCAATTCTT AGTGCTTATG ATTTGGGGTT ATCGACTTCG GGAATCTCTG

217501  TAGTGTTCTT GACGATGATG TACATCGTGG TTAAATTTAT AAGCTATTTT

217551  CGAGGCTATT TTTCTAAAAA TTTTGAAAAA ATAAGTGAGA AAAGTTCTCA

217601  ATATTAGCAG TGATTTAAAA GAATGAAATT TTAGAGTTTA GTCCACTTTA

217651  GTTAGAAATA GTATCAATAG AGAATTGACA ATTCCTCGAC TTGCGGAGTA

217701  TGATTCTCTT TTTCACCTAG TTAAAGGTAG CATGCTTGAA ACATTTAGCC

217751  GTTCTTGGGT CAACAGGTAG TATTGGCCGT CAAACATTAG AGATTGTGCG

217801  GCGCTATCCT TCAGAATTTA AAATTATTTC TATGGCTTCT TATGGAAATA

217851  ATCTAAGGTT ATTTTTTCAG CAACTAGAGG AGTTTGCTCC GTTAGCCGCA

217901  GCGGTCTATA ACGAAGAGGT TTATAACGAG GCCTGTCAGC GATTCCCCCA

217951  TATGCAATTT TTCCTAGGCC AGGAGGGTTT AACCCAACTT TGTATCATGG

218001  ATACAGTCAC TACTGTCGTT GCTGCTTCTT CAGGAATCGA GGCGCTACCC

218051  GCGATTCTAG AGTCGATGAA AAAAGGAAAA GCACTAGCTT TAGCAAACAA

218101  AGAAATTTTA GTTTGTGCTG GCGAATTGGT TTCTAAGACT GCAAAGGAAA

218151  ATGGTATAAA AGTTCTTCCT ATTGATAGCG AGCATAATGC TTTGTATCAA

218201  TGTTTAGAAG GCAGGACGAT TGAGGGAATC AAGAAACTGA TTCTTACAGC

218251  TTCTGGAGGG CCTCTGCTCA ACAAGTCTTT AGAAGAGCTT TCTTGTGTAA

218301  CAAAACAAGA TGTTTTGAAC CATCCTATAT GGAATATGGG TTCAAAAGTG

218351  ACTGTGGACT CATCCACATT GGTCAATAAG GGACTCGAAA TTATCGAGGC

218401  GTATTGGCTG TTTGGTTTAG AAAATGTTGA AATCCTGGCT GTAATTCATC

218451  CTCAGAGCTT AATCCATGGT ATGGTAGAGT TTTTAGATGG GAGTGTGATT

218501  TCTATCATGA ATCCGCCTGA TATGCTCTTC CCAATACAAT ACGCTTTAAC

218551  AGCTCCAGAG CGTTTTGCAT CTCCTAGGGA TGGTATGGAT TTTTCGAAGA

218601  AACAAACTTT AGAATTTTTT CCGGTAGATG AGGAGCGATT TCCTAGTATC
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162

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218651  CGTTTAGCAC AACAGGTATT AGAGAAACAG GGGTCTTCTG GAAGCTTTTT

218701  TAATGCAGCC AATGAAGTAT TAGTGCGGAG GTTCCTTTGC GAAGAGATTT

218751  CTTGGTGTGA CATTTTACGC AAATTAACGA CTCTTATGGA ATGTCATAAG

218801  GTTTATGCCT GCCACTCTTT AGAAGATATT TTAGAAGTAG ATGGTGAGGC

218851  TAGAGCTCTT GCTCAAGAAA TATAATCGAG TAGGTATATG ACAATAATCT

218901  ATTTTATTCT AGCAGCCCTA GCTTTAGGGA TTTTAGTGTT AATTCATGAA

218951  CTTGGTCATC TGGTAGTAGC AAAAGCTGTA GGAATGGCTG TAGAGAGTTT

219001  TAGCATAGGC TTTGGTCCTG CTTTATTTAA AAAGCGTATA GGCGGCATAG

219051  AATATCGCAT TGGATGCATT CCTTTTGGAG CTATGTTCG TATCAGAGGT

219101  ATGGAACGTA CCAAAGAAAA AGGGGAGAAG GGGAAGATAG ACTCTGTCTA

219151  TGATATTCCT CAGGGATTTT TTAGTAAGTC TCCTTGGAAA CGCATTCTGG

219201  TTCTTGTTGC TGGTCCTCTT GCCAATATTT TATTAGCTGT CTTGGCTTTC

219251  AGCATTCTTT ACATGAATGG GGGAAGAAGT AAAAATTATA GCGACTGTTC

219301  TAAAGTGGTA GGTTGGGTCC ATCCTGTTTT ACAGGCAGAA GGATTGCTCC

219351  CTGGAGACGA GATTCTTACG TGTAATGGTA AGCCTTATGT GGGAGATAAG

219401  GACATGCTAA CAACCTCTTT ATTAGAGGGG CATCTCAATC TAGAAATCAA

219451  ACGTCCTGGC TATTTGACAG TTCCTAGCAA AGAGTTCGCT ATTGATGTTG

219501  AGTTTGATCC CACAAAATTC GGGGTTCCCT GTTCTGGAGC GAGTTATCTT

219551  TTGTATAGCA ACCAGGTGCC CCTAACGAAG AACTCTCCTA TGGAGAATTC

219601  AGAGCTACGT CCGAATGATC GTTTCGTTTG GATGGATGGC ACACTTCTTT

219651  TCTCAATGGC TCAGATATCT CAGATACTCA ATGAGTCTTA TGCTTTTGTG

219701  AAAGTAGCAC GGAATGACAA AATCTTCTTT TCTCGTCAAC CTAGGGTATT

219751  GGCTTCCGTT TTACATTACA CTCCCTACCT TCGTAATGAG CTTATAGATA

219801  CGCAGTATGA GGCTGGACTT AAAGGCAAGT GGTCTTCGTT ATATACATTG

219851  CCTTATGTAA TCAATAGTTA TGGATACATA GAAGGTGAAC TTACTGCTAT

219901  AGATCCAGAG TCTCCTTTGC CACAACCTCA AGAGAGGCTA CAGCTTGGGG

219951  ATCGCATTCT AGCTATTGAT GGAACTCCTG TTTCTGGAAG TGTAGATATT
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163

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220001  TTACGTCTTG TTCAGAACCA TCGGGTCTCT ATTATTGTTC AGCAGATGAG

220051  TCCGCAAGAA CTTGAAGAGG TGAATTCTCG AGATGCTGAT AAGCGGTTTA

220101  TCGCCTCTTA TCATTCCGAA GATCTGTTAC AAATTTTGAA CCATTTAGGA

220151  GAGTCTCACC CAGTAGAAGT CGCGGGTCCT TATCGTCTTC TTGACCCTGT

220201  TCAGCCTCGT CCTTGGATTG ATGTTTATTC TTCGGAGAGT TTGGATAAAC

220251  AGTTGGAAGT AGCTAAGAAG ATTAAGAACA AGGATAAACA AAGATACTAT

220301  TTGGAGCGTC TTGATGCTGA GAAGCAAAAA CCATCTTTAG GGATTTCTTT

220351  GAAAGATCTT AAGGTGAGGT ATAATCCTTC ACCTGTGGTT ATGTTATCAA

220401  ATATTACTAA GGAAAGTTTG ATCACCTTGA AAGCTTTAGT TACTGGACAT

220451  CTGAGTCCAC AATGGCTTTC AGGACCTGTG GGTATTGTGC AGGTTTTACA

220501  TACAGGATGG TCGGTAGGGT TTTCTGAAGT GCTCTTTTGG ATCGGTCTAA

220551  TTAGTATGAA TTTGGCTGTC TTGAATTTGC TTCCTATTCC TGTTTTGGAT

220601  GGAGGTTATA TCCTTCTATG TTTGTGGGAG ATAGTCAAAA GAAGACGTTT

220651  GAATATGAAG ATTGTGGAAA GGATTTTGGT TCCGTTCACT TTTTTATTGA

220701  TCATCTTCTT TATTTTTCTA ACTTTTCAGG ATTTATTTCG TTTTTTTGGT

220751  TAAGGCTCCA TTTTTTTGGA AATCCGTAAA GGTTGTAAGG ACGAGAACCA

220801  AAGCAGTGTA TAACGTAGAT GTCTTGGTTA GGGTAAGGCT TAAGTCTTGA

220851  GTTCTTTTGT TTGTCTTCCA TAACAGTTTG TTCTAAAGCT GCTTCGGGAA

220901  CGTGCTCGAT TATCGGGGTT GTATTTCCTT CTTTTAAAAA CTCTTTCATA

220951  AGATAGAGCG ACTTCCGATT AGTAATGATG TAGGTATGAC TCGTGTGGAT

221001  CACGTAAGCT TTATGTGGAG TATCTAGCTT TGTCTCTATA GTGCATACCT

221051  TACCATCGTT TTCATAGGGC AGGCGGAAAG GAAGGAATTT GCTATGTCTG

221101  TTCCCACTAA GAATGAGAAC GTCTAAAGAC GAAGGGAGTT TCCCGACATT

221151  TAACATCTTT GTGGGGCAGT AGGTAAGAAG CTGTCGTCCT AATTTTCCTC

221201  CAAATACGAA CTGTACGAAT TTCACACAGC GGTAGCGTCT AGCTAGTGTA

221251  GACCCTGCGT TCGGAGGAGC CATGAGAATA GCTTTTCTTT TTTGGCTTCT

221301  TCGGGGCAAT CAGGGTGAGC GAGTGCTACA CGAACAATGA CTCCTCCAAT
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221351   AGAATGAGTT ACGAAGTTTA TAGGGACTCC AGGCTTAAGT TCAGCTATTT

221401   TTTTCAGCAA GCGATTGAGA TGTTCAGCAT GCTTTTCTAG AGTAAACTTG

221451   CGCGTCTCAT AATTCCAAAT AAAGACATCG TAATGTTCTT TTTCTAGAAC

221501   GCGAGCAATA GGTTTTAAAG ATGTATAAGA TCTTAAAAAC GCATGCACGC

221551   AGACCACGGA TTCTTTTTGT TTTGAGGTTT CCTTTAATCC CCCAATTCCA

221601   GATGGAAGGG TTTGGATTAC CGAGGTTTCC GAGAATAAAG GATTACCCAC

221651   AGCTAAAAAG AGTATAGTTA ATAAAAATTT CTTCATGTGT CACCGATATA

221701   ATTATTTTAA ATAAGTTTTT TATTAAAAAA GAATATGTTT ATTAAAACTT

221751   ATTTATAAAA ATAACTAATT CGCTTACTTT TAACGCAAAA GAAAAATGAT

221801   GTTATTGTTT TAGATAATTT GCTCAGAAAC TTGAGCGTTC TCGATACTTA

221851   AAACAAGGCT TGTTTTTGGA AGTTCCCCAT GCATATGGGT GGAAGTAATC

221901   AGAGTCTGAC CCAGAGTTGG GGCAGGGTCA AGGAGTTGAC CGACACGTTC

221951   ATTATCTAAT CCAGCATGGA TATCATCTAG ACAGACTAGA GGGGAGACGT

222001   GATGAGATTG CTTTAGATAT AGGCACTCAG CAAGCCTTAA GATTGCCAAA

222051   AGACTGTGTT TCTGCCCTTC ACTAGAGAAT TGAGACACAG GCATTTGGTT

222101   CATAGTGAGT AGAAAGTCTT CGCGATGAGG GCCAACGGAA GTGCTTCCTC

222151   ATTCGAGATC TCTAGGAAGT GATATAGAGA GCTGTTTATG AAATTCTTCG

222201   GCAACAGCAG TTTCAGAAAT ATCAGAATTT TTAATTAAGG AACTTTTAAA

222251   TTTTAAGGCC AATTGTTCTT TTAGGTTGTT AGACCAAAGT TCTTTGGATA

222301   AATCTGAAAG TTTCTGACTA CAGAGAAACC GTTGGATGGA TAGGTAGGTG

222351   CCGTGTTTGA CCAACTGTTC ATCCCAGAGG CCACGGTTGA GGTTTGCTTG

222401   CTTTTTAAGA GAGCATTTCT CTGCTGAAGA GCGCGATGAT AGTACGATAA

222451   GCAGAGGGTA TAGTGGTTAT CGCATTGAGA TAAAAGCAGA TTTAGGAAAA

222501   GGCGACGATC CGCAGGAGCT CCTGAAATTA GAAGGCGGTC TTTTGAAGAG

222551   AAAAGCACAA TAGGTACTTT CCCTATCAGC TGCGATAAGG TTTTTATAGG

222601   AAGTTGGTTA TAGCAGATTT TTTTTCCTTG CTTGTCTGTA TAGATGGAGA

222651   GAGCTTGGGG AAGGTGGTCT TTCTCAAACT GTGTTTCTAA GAAGAAATGG
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165

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222701   GAAGATCCGA AGGTGATGGT ATCTGTGAGA TGTTGCGTGC GAAAAGACCT

222751   TCCCAAGGAC AAAACATAAA GCGCTTCTAG GAGGTTTGTT TTTCCTTGGG

222801   CATAATTGAG TTTAGGAGCC AGTGAGATTT CTAAATCACT GTGGTTACGA

222851   AAATTTTTTA GCTTCAGAGA GCAGATTTTC ATAAACATCG GCAGGGTAGT

222901   GACCTAAAGG ATTCTCCTTA GGGAGTTTAT TAATCATCAT GTAGCCTCAT

222951   AGGCATGATG ACAAATAATC CTGAGGCAGA ATCGGTAATG ATTCCAGGAT

223001   TATAGGAATC CGAGATCCCT AAGCTGACTA ATTCATCCTT ACTATGCTTC

223051   AGGATATCTA AAAGAAAAA GGGATTAAAG GCAATTTCTA GGAGTTCGCC

223101   AGAATAATTT ACAGCCATGC TTACCTTTCC TTCACCCACC TTAGTACAGT

223151   TGGCTGTTAG AGTGAGCTCT CCGGGTAAGA AAGAAAACTT CACGGAGTGA

223201   GAGGACTCAT TTGTAAATAA AGCCACTTGT TTGAGCAGAG TAATTAGTTC

223251   TTCGCGATGC AGATCGAGTT TTACGTTGCT TTCTGTAGAT ATGACGGGGG

223301   AGAAATCTGG AAATTCTCCA GAAAGAAGTT TTGTGATCAG GAGAGTATTG

223351   TCACATTCAA CCGCAATCTT ATCTTGATCC AAGAAGATCG CAGCTTCACC

223401   TTCATCGGAG CACATCTTTA TAATTTCTTC TACTGCTTTG ATAGGAATAA

223451   TATATTCCCC AGAAAAACTT TTATCTAAAG TAACTTCAGC ATCTATTTTT

223501   GCTAAACGCT TTCCGTCAGT CCCTACGATG GTAGCCACGC CATTGGCGAT

223551   AGCAAGCAGG ACTCCAGTAA GAACATAGCG GCTTTCTTCT CTAGATACAG

223601   CGAATGAAGT TCTCTGTAGC ATGGTTTTTA GCTGCTCTGC AGGCAAGGAA

223651   AAACGCAAAG CATTTTGTAT ATCAGGGAGC ATGGGGAAGT CTTCTTTTTC

223701   CATGCTGAGT AGGCGAAAGC ATGAAGATCC CGAGGTGATT TGTGCCATTT

223751   CCCCTGCTGA AGAGGAAATT TCTAAATTTG CCTCTGTTAA TTCTTTTACT

223801   AATTGAAAAA ATCTCTTGGA GGGAATGGAA ATAGCGCCTT TCTCATAGAC

223851   TTTAGCTTTG GTGACGCAAC GTGTGCTCAC TGTCAGATCC GTAGCAGTGA

223901   AAACTAATTC ATCATTATAA GTTTCAATCA AAACATGGGT GAGTACTGGA

223951   ATAGGTGTGT TTTGAGGGAC GACACTTTGA ATTTTTTTGA TAAGGTTTCC

224001   TAGCTCATTT CGGGATACAA CGAATTTCAT ATTTTCCTAT AACCTGAGTC
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166

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224051   TAACTTTATA TGAAGGGCTA CGCCTCTCTA GGAGAGACGG TAGAGGTACG

224101   ATCGGGATAT TACTACAAAG TGATTTTCTG GTCTTCTAGA TATTTTACTA

224151   ATAAAAAAGG CTTTAGATTG AGGAAATCTT CCCTGGAAAT CAAGGAAAGA

224201   GGATTCTAAT CATTGTCTTA AGAAGGAAAA ATTGCTTTTT GTTATACTGG

224251   TTTTTGTCCC CAATTATGGG GGAGGATCTT ATGGCACAAA AAGAAATTGT

224301   TTCTAATCGC AAGGCTCTGC GTAACTATGA AGTTATAGAG ACTTTAGAAG

224351   CAGGCATCGT TTTGACTGGG ACTGAGATTA AGTCGTTGCG CGATCATGGG

224401   GGAAACCTCG GTGATGCTTA TGTCATTGTT TCTAAAGGTG AGGGGTGGTT

224451   ATTAAACGCG AGTATTGCTC CCTATCGGTT TGGAAATATC TATAACCATG

224501   AGGAGCGTCG TAAACGTAAA CTCCTTCTTC ATAGATATGA ACTTCGTAAG

224551   TTAGAGGGTA AGATTGCTCA AAAGGGCATG ACTTTGATTC CTCTGGGAAT

224601   GTTTCTGAGT CGCGGCTATG TTAAGGTACG TTTGGGTTGT TGTCGTGGGA

224651   AAAAAGCTTA TGATAAGCGT CGTACGATCA TAGAAAGAGA AAAGGAACGT

224701   GAAGTTGCCG CTGCTATGAA GAGGCGCCAT CATTGATATA GGTTAGGATA

224751   TGGTGTTCTT CAGCCCACTG TTTTGCTTCT ATTTTAGAAT CAAAAGTCAT

224801   GAGGACTGTG GCAATAGCGT CGGCGTATGC GCAGCTCGGA TGGACTACTG

224851   AAACACTTTG GATAGGATAG GAGCTTAGCT CTAGGGGTTT CCCTGTACGA

224901   GTATCAAGAA TATGGGTGTA AATTTTTCCT TCAACACACC ATTTTTGAAT

224951   ATGATTTCCA CTTGTTGCAA TTGCCATATC ATCGATATCT AAGATCGTAC

225001   CTGCTGCTTC AGAAAAAATA CGCCAAGGTC TTCCCGAGGG ATGATGCCCT

225051   GACGTTTTGA TCTCTCCTCC CCACTCTACA TAGTTGTTCG GACAAAAGGT

225101   ATTGCAAATT TCATTTAGAC AATCTACGGC ATAACCTTTG ACAACACCAC

225151   AGAGGTCGAT TTGAACATGA GGATTCTTTT TGATTAGAGT TTTTGTGTTT

225201   GACTGAAACT CCAAGTGTTG CCAGCCCATG TCTTTATAAT GTTGTTCCCA

225251   AACGTCTTTA GGGGGGAGGG TTTGACTTTT GAGATGTAGA AGCCATAGGG

225301   TTTTTAAAGG TCCTACAGTA GGGTCAAAAC GTCCTTCTGA AAGTTTGTAA

225351   AGTGTATCTA CCTGATCTAG AAACTCGGAA AGTTCTACAG ATAAAGTTAT
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225401 GGGGACATCT GCTGGAGCTC GGTTGATTAT CGAGAGTTCA GAATAGGGAT

225451 TCCAGTTGTT ATAAATCGAG TCGATCTTAT GAAAGCATCT ATCAATTTGT

225501 TGGGATAAAG ATGCTTTTTC TTTTGCGGAT AAAGAGGTTC CCAGAACAAT

225551 GCGATAGAAG ATTGTCATCT GCTCTCCTTC GATTGTTGTC GTTTTTTGAG

225601 AGCATGAACA GAGTCCAAGA CATAAAAGAA CTAAGAAAAA TTTTGGTAAC

225651 ATCGCCATGT ATTGCTCATG AGCATAGCGA CAGTCATGGG ACCAACGCCT

225701 CCAGGAACTG GAGTGATTGC TGCGCATTTT GTCACAACGT TATTAAAATC

225751 TACATCCCCA AGAAGAGTAT AGCCTTTCGC ATTGTCTGCA GGGACTCTTG

225801 TTGTTCCTAC ATCTACGATC ACAGCATGTG GGGCTACCAT AGTTTCCTTT

225851 ATAAAAAGCG GTGCTCCTAG AGCAGCAATA ATGATATCAG CTGTCTTTAA

225901 GATTCTGGG AGGTTTTCCG ACTGGCTATG AAGAACTGTG ACTGTACAGT

225951 TAGTTTGAGG ATGCTTTTGC ATCATGAGGG CCGCTAAGGG TTTCCCCACG

226001 ATGTTGCTTC TCCCTACAAT AGCGGCATGG CGGCCTCGAA GAGGAATTTC

226051 ATAATAGTTC AGGAGTTCAA TAATTCCTGC AGGAGTGCAG GGTAGAAGTC

226101 CATCAAAATT TCCAAGGAGC AACTTTCCCA TGTTCACAGG GTGAAGCCCG

226151 TCCACATCTT TGTCTGGGGA GATCGCTTGG AGAATCACTT CGCTGTCCAA

226201 GTGTTTGGGC AAGGGAAGTT GCACGAGGAT GCCGTGGATG CTAGGATCTT

226251 GATTCAATCG TTCTATGAGC TTAAGGACTG AGGAGAGGGT AGAGTCAGAG

226301 GGTAACTTGT GCGCTTTGGA GATAATTCCG ATTTCTGTAG CTTTTTTGAC

226351 TTTCATGCCA ACGTACACCT CAGATGCGGG GTCATTGCCA ATCAGGACCA

226401 CAGCAAGCCC CGGAGAGGTA GGACTTTGTG AGATTTCCTC TTTGAGTCTC

226451 TGAAGGATTT TTTCAGCTGC AGGAATCCCT CTCAGTAACA TACCAATCTC

226501 CTAAAAAAAG ATATCATTTT ATGGATTCCT GAGTTTATTG CGCAAGGAAG

226551 TATATAGATT ACAGAAGTGA AGATGAGATT ATCTAAGAAA GAACATTTTA

226601 GAGGTATCAT TAGCACATCT ATTGACCAAC GGACTTCATG TCCGAACAAG

226651 GCGCACATAG GAATGGTTAG GAGTAAAAAG ACTCCATAGA AAATCATATT

226701 CACAATGACC AAGGCGGCTT TGCTCTCTTT TGAAAAAATG AGGTGTGCCT

226751 TATGGGTGAT CAGAGCAGTT AGAGGGTAGA GCAGTAGAAA TACACCGCGG

226801 CTTCCTAAGG CAAGATCACT TAAGACACCA CAGCCTAGAG CGAGTACCAG

226851 TCCCTTATCT TTTGAGAAAC AATAGAAACA AAGAACAATA TAAGGGGAAA

226901 AAAGGATCAG ATGTGCTTTA GGGAAGAGCG TTGGAAGGGT GAACATGGAT

226951 AAAATACACA AAATAAAGCA TTTGCGCGGT GTTATGTGGA CAGACATGGT

227001 TTACGCTTTG AATTATGATT ATCGATTTCA AAAGGTTTTG CAGACTTGTA

227051 TATAGCAAAG CATAGGATTC TTAGCTTGAT TTTTTATGTT TATCTAAACT

227101 GCTTTTAAAC AATTATTTAT ATAATATTTT ATTTTTAGAT TAAAATTAGT

227151 TTATTCTTAA TAAGTTTTTT AATTAAAATT AGTTTATTAA GTTGATTTTT

227201 TTGTTTTTGT ATTTTTTATG GGGAAGCCTA AGAAGAGCAG AACGGATAGG

227251 GCTTTGGCTC AGGAGATTCA AAAGAAATCA ACGGAAGTGT TGAAGAAGCC

227301 TGCGCGGATA AAAGCTAAAA ATCGTCGTAA ATTTCTTATT GCTAAGGAAC

227351 AGAAAACTCT TAAACACCGT GCTCAAGAAT ACGATCAGTT AGTTCGCTCT

227401 CTCTTAGATT CTCAGAAGAA GGACACCGAT AAAGTTTTGA TTTTCAATTA

227451 TGAGAATGGG TTTGTTTTTA CTGACAAGGA CCATTTTAGT AAGTACTCTA

227501 TCCGTCTTTA GGCGGGGTTA AATTAAAAAA AAATCGCAGA ACGGGACTAT

227551 CCCGTGATGG AACGACAGGA AGCCTGGGTA ATTAATTTAG AGTTAGGAAC

227601 TGTCTCGGTA TTAAGATCTC CAAAATCTTA ATACCTAGAC AGTCGGATCC

227651 GAGTGATCCC TCTAGCTCGA CAGCGATGCA CTTTGTTGCA TCTACTCGCT

227701 GTTCTCTGTC CTCCCATAAG TTTTTTTACG CAAGGTGTTT CACCTTGCGT

227751 TTTTTTTTGT TTTTTAGATT TTTAAAATTT GTTTGTAAGT TCTTTTTTTT

227801 AAATTAATTA TTTTTTGTTT TAAAATTATA AGTAGTTATA AGTTTTATTT

227851 TTTAAATTCA GAGAATCATT ATGGCAGTTT CAGGTGGCGG AGGGGTTCAG

227901 CCTTCTTCGG ATCCAGGAAA GTGGAATCCT GCTCTGCAAG GAGAGCAGGC

227951 AGAAGGCCCG TCTCCGCTAA AAGAATCTAT ATTTTCTGAA ACCAAGCAGG

228001 CCTCCTCTGC TGCGAAGCAG GAAAGCTTAG TGCGTTCAGG ATCTACAGGA

228051 ATGTATGCAA CAGAATCTCA GATAAATAAG GCTAAGTATC GTAAAGCTCA

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228101  AGATCGATCA TCAACCTCTC CAAAATCCAA ATTGAAAGGT ACATTTTCTA

228151  AAATGCGCGC TAGTGTGCAA GGATTCATGT CAGGATTCGG ATCTCGGGCT

228201  TCGAGAGTGT CAGCAAAGCG TGCTTCCGAT AGTGGTGAGG GAACATCCTT

228251  ATTGCCGACA GAGATGGATG TTGCTCTAAA GAAGGGAAAC CGTATTTCAC

228301  CTGAAATGCA GGGATTTTTC TTAGATGCTT CGGGTATGGG AGGGAGTTCC

228351  TCTGATATTT CTCAGCTTTC TTTAGAGGCT TTGAAATCTT CAGCATTTTC

228401  AGGTGCCAGG AGTTTAAGTT TAAGCTCTTC AGAATCTAGT TCCGTGGCTT

228451  CGTTTGGATC TTTCCAAAAG GCCATAGAGC CTATGAGTGA GGAGAAGGTA

228501  AATGCTTGGA CAGTGGCTCG TTTAGGAGGG GAGATGGTCA GCTCTCTTCT

228551  CGATCCCAAT GTTGAGACCT CATCATTAGT GCGCAGGGCA ATGGCAACAG

228601  GCAACGAAGG CATGATAGAT CTTTCTGATT TAGGACAGGA AGAGGTCAGT

228651  ACAGCCATGA CATCTCCCAG AGCAGTAGAA GGAAAAGTAA AGGTATCTTC

228701  TTCTGATTCT CCAGAAGCGA ATCCAACAGG AATTCCAAAT TCTAATACTT

228751  TAGAAAGGGC GGAAAAGGAA GCAGAGAAAC AAGAAAGTCG AGAGCAGTTG

228801  AGTGAGGATC AGATGATGCT TGCACGTGCT ATGGCTGGGC TTCTTACAGG

228851  GGCAGCGCCT CAAGAGGTAT TGAGTAATTC TGTTTGGTCT GGTCCTTCTA

228901  CAGTATTTCC TCCTCCCAAG TTTTCAGGAA CTTTACCCAC CCAGAGATCG

228951  GGAGATAAAT CAAAGCATAA ATCTCCAGGA ATAGAGAAGA GTACGAACCA

229001  TACGAACTTT TCTCCTCTTC GGGAAGGTAC TGTGAAGAGT GCTGAGGTTA

229051  AAAGTTTGCC TCATCCAGAA AGTATGTATC GTTTTCCTAA AGATAGCATC

229101  GTTTCCAGGG AGGAACCTGA AGCCGTTGTT AAAGAATCTA CGGCATTCAA

229151  AAATCCAGAG AATAGCAGTC AAAACTTTCT CCCTATTGCT GTGGAGAGTG

229201  TTTTCCCTAA GGAAAGTGGT ACGGGAGGGG CTTTAGGAAG TGATGCTGTG

229251  AGTTCCTCAT ATCATTTCCT TGCGCAACGT GGAGTGTCTT TACTCGCTCC

229301  TCTACCTCGT GCTACTGATG ACTATAAAGA GAAGCTCGAA GCTCATAAAG

229351  GTCCTGGAGG TCCTCCAGAT CCTTTGATTT ATCAGTATCG AAATGTTGCT

229401  GTTGAGCCGC CAATTGTTCT CCGTTCTCCC CAGCCGTTTT CAGGATCTTC
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229451  ACGTCTATCG GTTCAAGGAA AGCCTGAAGC TGCTTCAGTT CATGACGATG

229501  GTGGGGGGGG AAATAGTGGT GGTTTTAGCG GAGATCAAAG AAGAGGATCT

229551  TCGGGCCAGA AAGCTTCCCG TCAGGAAAAG AAGGGAAAAA AATTATCTAC

229601  GGATATTTAG GGTTTTAAGT CGGTTTGATG TGATGCGTAT AATTCGTTTT

229651  GATCCTTATG GTGCGCTATC TGCACAAAGC ATAGCTAAAG ATTCCCGTCA

229701  AAACTCTCCT TTAGTAGAAA AAATTTCTGA GGAAATTGCT ACGAATGAAG

229751  CGATTCGGCT TGCCTTGCTA GCTATTGGAG ATCGCGAACA AGAGGAGAAG

229801  AAACAGAGGC ATCGTTATAA GCTACTCGGA CAAAAGCAAG CCAAGGTCTT

229851  GCTTTCTCAG TTGCGTCATG TGCATTAGA TTTTAAAAAA CTATATTGCG

229901  ATAGTAAGAA AAAAGAAGAT CAGGAAAAAG ACGAAAAAAA CAAACAGAAG

229951  CGATCTATTA AAGTTACAAA GAAAAAAAAG GGCATCTCTT TAGGGGCTGC

230001  CGCTTCTCAG GCAATTGCAG CAGCAGCAGA AGCTTGGGTA ATTGCTAGAA

230051  ATAAAGGAGT CTTAGAAACT GCCTCCACTC TTTTTTATCA AAAGGATGAA

230101  GAGGCCTAGA CATACTTGAA TCACGAGCTA GGCCTTCTTC TGTGACTATT

230151  TTAGATCATC ACGCTGCTTC TTGCTCTTCT ACTGGAAGAC TTTTTTCTAT

230201  AATTTCTTTT TCTTCATCGT CTACTGTAGG ATGTTCTGAA TGCTTAGCTA

230251  GATCTTTCCA AATCATTCGA AGTTTCTGAT TTTGTTGTTT GGTCAGGTTT

230301  TCCAGTATGA TCAAGCTTTC ATCATTTAAG GAGAATCTTC CTTTAGACCA

230351  ATTTATAGAT CCTGCAAGTA GAGTTTTATT ATCTATAACT GCAAACTTAT

230401  GGTGAAGAGT ACAGGGTGCG GTATTTATAG AAACAAAGTC TTTATTGATA

230451  TTTAATTGTC GTAATTGCTT AAAAGTAAGT TTGCTATGAC TTCTATCAAT

230501  GATAATATCT ACATGGATTC CTCGTTGTTT TGCTTGATGT AAGGCTTGAA

230551  TAATCTCCGA GTGGGTCAGA GCAAACATAG CAACTTGGAT GGTTTTCTGA

230601  GCTGTCTGGA TTTTTTCGAG TACAGCTTGT ATTGCAATTT TACGATCTTG

230651  AGGAAGAACA AAATACTTTC CTGTTTGATC CTTTATAGAA AAGTCTCCAG

230701  AGGTATTTGT GATAATGAGA TCACAGAGCT CCGAGCTATG CATTCCTAGA

230751  ATGAGATTAT TATCTAAACG TAGAGAAAGA TTGGTGTAGT TCGCAGATCC
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171

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230801  TAGCCAAGCA TCTTTCTTAT CTATGGAAAG AGCTTTTTGA TGCATCAGTT

230851  TACGCCCTGC TGGAGGTTGC TCGACTAAAG TTACATTGCT GGCTTGCTTT

230901  AAGATTTGGG GAATTTTAAA TTTTTGATAG TAGATCGTAA CTTTGTTTTT

230951  TGCTTGAGCT TGTCGAGTTA AACTCTGTTG GATCTTGGGT TCTGAGAGGT

231001  TATAAATACG TAGGAAGATC TCTTCATCAG CGTGTTCTAT AGCATCGCAT

231051  AGAATTTTAC GCATGTCCTC ATTGCATTGA TTTGAGTAGA TGATAGCTTC

231101  TTCAGACTTT AAAAAAGTCT TAAAAGTGTC ACCACGAGGA GCTCTTGCAA

231151  AAATTCCTAC TAAAATCAAC GTGCTAATAA TAACACAGAT TTTTAATTTA

231201  TCTTTTTGTC TTTTATTCAT TTTTTACTCT TAAAATAGCT TTTTTGTTTT

231251  TATATATTTT TAAAAATAAA AATAACTAAT TTAATTAAAC GTTTAATAGA

231301  ATAAGATTCT TATTAAATAT AAAAAGTTTC TTTATTGGGG AAATATGCGT

231351  GCCATCGTTC GGAAACCTTT TGTTTTGTAG ATGGGTCGAC CTCTACTTCT

231401  TTAGGATAGG AAGGCTTCAT CAGGGCATCG ATAACGAAGG GAAAGTTGTA

231451  ATTAGGACGG TGAGTAGCAA AATGGCTGTG GAGCGCGTGA AGATCATTTG

231501  CTGGGGCACA TCGTGTGAAG GTCCTCCAGA GAAAATCTTT TTCACTTTGA

231551  ATGGTTTCTC TCAGATTATC GGCAAGGATA ATCAGAGGCC ATGATTTTAG

231601  ATCTGGATGG TGAAGGAGAG ATTTAATACA TCGGTCCTCG AGGGATGTTT

231651  CCAACACTAG GCAACCACGA CAAAAGGGAG CGATGTCTTG AACTCCATGG

231701  ATTTTTCCTC CCTGATATCC ATGGGGAAGG TCTCGGATGG CTTTTCCTAT

231751  TCCCATGAAG ATTCCCTTGG AGCCCTTATT TAAGCTTGGT CCTGTATAGT

231801  CTAACGTATC GTTTGCAGTT TCTGAGAAAA TAATAAGATC TCGGTCTGGC

231851  TGTAGACGCT CTAAAATGGT TTCTAGAACC ACGGAGAACC TGTCGAGAGG

231901  CACCTCTTGG TCTGTGACCA TTAGGAATTT CGTTAGGGAA AGTTGGCCCT

231951  CTCCAAGAAT TCTAAGAGCT GTGGTTAGAG ATTCTCTCCA ATAGCGTTCT

232001  TTAACGACAG CGGCAGTCAG TGCATGAAAC CCTGATTCTC CGTAACTTTT

232051  AAGTCTACGC ACACCAGGCA TAACTAACGG AAATAAAGGG GAGAGGTATT

232101  CTTGGAGTTT GTTCCCTATA TAAAAATCTT CTTGGTAGGG TTTGCCGACT
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172

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232151  ACTGTAGCAG GATAGATTGC ATCTTTTCTG TGATAGATTT TATGACAGTG

232201  GAATTCAGGG AAGTCATGTT GGAGACTGTA GTATCCGAAA TGATCGCCAA

232251  AAGGACCTTC AGGACGACGT TTCCCGGCCG GAGATTCTCC GACCAGGATG

232301  AATTCCGCAT CGTAGAGTAG AGGGTGGGGA TGGTCGTTTG TTTTTTTATA

232351  AAGGAGCTTC GCTCCTTGGA GGAAGGTAGC AAAGAGAAGT TCCGAGACAT

232401  TCTCAGGTAG GGGGGCAATC GCAGAAAGGG TTAAAAAGGG GTTTCCAGAC

232451  AAAAATACCG AAACAGGAAG GTTTTGCTTT TTTTGCTCTG CTTCATACAG

232501  ATGCATCCCT CCGCCCTTCT GGATTTGAAA ATGGAGGCCC ATGGTGTTTT

232551  GATTGAACCG TTGCACGCGA TACATCCCAA GATTGGGTGT AGTAAGAGTC

232601  GGCGATTCCG TATAGACAAG AGGAAGTGTG AGAAAGGCTC CACCATCTTC

232651  AGGCCAGCTT GTGAGTAAGG GAAGGTGATC TAAGTTAACT GAGGACATAG

232701  AAACAAAAGG AAAGCGACGG AATCGAGCTT TTTTGAGCCC TAAAGAGCTT

232751  ATTCTTTTTA ATAGATCCCG AGATTTCCAT AGAGAAGAAA GCTTTGGTGT

232801  AGAAGAAATA AGGTGGGCAA CTCGAGCGAT GAGGTTATCA GGAGCTTGAG

232851  AAAAAAGTTG GTCTACACGA TGTTTTGTTC CAAAGAGATT GGTCAGGACT

232901  GGGAATGACG ATCCGATGAC ATTATGAAAA AGAAGGGCAG GGCCTTGATC

232951  TTCAATAACA CGACGATGAA TCTCAGCTAA CTCGAGGTTA GGACTTACGG

233001  GAGCAAAAAC ATCAATAAGT TGTTTTGTG AACGAAAAAG AGAAATATGA

233051  CGCCTTAAGA AAGACATAAA TATTTCCCTA TACTTAAGTT AAATTAAAAA

233101  TTTTTACTTT TAGCTCTTTC GAGAACTTTC TCTAATCCGA GCTTATCAAT

233151  GTGACGAAGA GCGCTAGCAG AAATTTTAAG CTTAAGAAAA CGGTTTTCTT

233201  CTGTAGACCA TAGACGCTTG GTCAACATAT TAGGGAAAAA TCTTCTTTTA

233251  GTCTTCCCTG TCACTTTCAA ACCAATTCCT TTTTTCTTTT TAGCAATACC

233301  TCGAAGTGTA TAGCTATAAC CACGGCGAGG TCTCTTTCCT GTAAGTGGGC

233351  ACTTTCTTGA CATATTCTTC CTATGAATTC TCTAACATCC GCTCAATAAA

233401  GCAACTCTAT GAAAAGGAAT CTATACTAGA GCTTTTCGAA TATATGGGGA

233451  AGAGGTTTTC TTAGAAAATG TGATTGTCTG TTGTTGATAA TGAAGGAATT
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233501  CTTTTAAGAA AGACGGTCGT TCCAGGAAAT TATTATAAGG TTCTTACTAT

233551  AAAAAGACTT AAATGTTTTA TTGCTATCCT TACAGTCCTG TAAGGATCTT

233601  CTCAATGTAA CCATTAAATT TTTTATGAAT AGCGAGTTCT TCTAAGGAAG

233651  GCCGAACTCG ATACGACCAA TTCTTTTTAG AAATTGTCCC AGGTGTATTA

233701  ATGCGTTCTC TTTGTAGATT TTTTGATACT AAATCAGGGC AGAGGGCGAG

233751  ATAATCGTTA AAGAGGTTGA TATGAAAGAT AGATGCTGAT TCATGAGAAA

233801  GTTTTAAGAT GTCTATTTGA GTTTCTGTAG TCAGGGTTTT TTGAAAAGGA

233851  AGATGTAGAA ATTTAGCAAA TTGCTTAGCT TCCTTAGGTG AATTGAGCCA

233901  CCATTGGGCA AACGTATCAG AGTCGTGGGT AGAGAGAGTG GTCACAGAAA

233951  GTGGATTATA ATCTTTTAGG GGAATGAAGG CACTGTCGCT TTCCCAGTTG

234001  CGTTCCCATC GTGGAATCCG GGTTCCACAG ATTCCTAAGT GTGTTAATGT

234051  CGTTTTGACG TCTTGGGGTA TAATCCCTAA ATCTTCTCCG ATAGGTAACA

234101  TAGAAGAGGC TCCGAGCATA GTAGAAAGGA TCTCCGTGCC CTGCTTTATA

234151  TAGTCTTTAG GATTGTCTGG AATGAACCTT CCTCTTCCTG AAGAATCCCA

234201  AATCCACAAA CGGAAAAATC CTATAATATG ATCTAAGCGA TAGACGGAAT

234251  AGAAGTTTTG AGCATATCGC AGACGCTCTT TCCACCAAAT GTAGTCGTCT

234301  TTGGCAAGTT GTGAAAAATT ATAAATAGGC AGATGCCAGT TTTGTCCTTC

234351  AGAATTGTAG AGGTCAGGAG GAGCTCCTAC AGACCTTGAT GAAGAAAAGT

234401  AGTCTCGGAA ATACCAAACA TCACAGCTAT CCTTGCTAAT AAGAATAGGG

234451  AGGTCTCCTT TAAGCAGGAC GTGGTGTTGA TCTGCATAGG CTTTCACTTC

234501  GCAGAGCTGT TGGTAACAGA GAAACTGTAG ATAGGAAAAA AAGAGGACTT

234551  CATCATGGAA TTTTTTAGTT AAGTCCGGAA AATTCTCCTG ATCTGTGAGC

234601  GACTTCGGCC AGTTATTAAT AGGTTCTCCG TGCATATGAT GTTTGATTGC

234651  ACGAAAGGTC CCATAGGGAT AAAGCCAATA GCGCTCGCTT TCTAGAAACT

234701  CAGAAAAATT TGAGTTTCCT TCGAGGGAAG ACTTGCAACA TTTTTGGTAG

234751  TACTCTCTTA AGAATGCCCA TTTTTTTTCT TTAACTTGAG TATAGCTGAC

234801  TGATGGAGTC GAGCATAACT CATGCATATC TTGAAGTTTC TTGGCAACTT
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234851 CAGGGATGGT ATCGATATTT GGAAGAGAGG ATAGGGAAAG GAATAGGGGA

234901 TTCAGGGCTA CGGAAGAGAT GCTGTTATAG GGACTCGTAT CTTCACCAGT

234951 ATCATTTAAA GGGAGAAGCT GAATAACGCT GAAGCCCTGT TTTTGGCACC

235001 AAGAGATCAG AGGAATGAGA TCTAAAAATT CACCGATTCC ACAGCTATTT

235051 TTTGTGTGTA TTGAAAATAG TGGGAGATAA ATCCCGTGTT TAGGAGAGGT

235101 TCCTATAAGT TTCCAAGCAT GTGCTGAGGG TGAGTGTTTT GTGTATTTTA

235151 AAACATTCAC GCGACGTAGT AGATTCCCAA AACATGAAGG TCAGGAAGAT

235201 TCCCTGTTCT TAGGGATTCC ATCCAAATCT TAGCATGCAA AGAAAAGAGC

235251 TTGAGATACT CGAATAACTT TTCTCCATTT AGGTAGTTCA TACTCAGGAT

235301 ATCTGAAAGA TAGAGCTGTT GAGTGACCTC ACCGTAGCCT AGAATTCCCT

235351 TGATGCTGGA TTGGAACGAG CCATTTACAG AGAGAGCAGC TTTGAAAATA

235401 CGCTCGCGAA ATACGTTTTC AGGAAGAGTA CCTAGTAGTG TCGATACTGC

235451 AAGATCTCCG GAATTTCCAT CTTCTTCTAT TTGCACAGGG ACATGGGTAT

235501 CGCTGAAACG GATTAAACAA GAGTTATTTT TATCTGGAGC AAGTGTCGTA

235551 TTTAATAGGG GTGCTAAGGA TTCTAGTAAT TGCTCGTATT GGTTTTGCAT

235601 GGCAATCCTT TTTTAATCAT GACCAAGGAT AGGGTTTAGG GAAGTCTGAT

235651 GCTTTGGGAT AATCTTCATT GTTTATATTT ACAGCATCTA AAGCATTAGC

235701 AATCATAGCT CCTAATTGCT GACGTTTGTC TGCTGAAGAG AAAAGGCGTG

235751 ACGACGTTTG ACGTAAAGCA GAAAAGAATA AGTTCAAGAC ACCGGTCACA

235801 GAATCAACAT CGTCTCCTAT GAGATTGCGG ACTTCTCGTT CTACTTTAGA

235851 TGCTGTTGGG AACTTATCGT TAATGATTTT ATGGTAGGAC TCAGCTACCT

235901 TCACAAAGTT TAGATCAGAA GGAGTTTGGA TTCCCTCAGC TTTTAAGCTA

235951 TCGAGTAAAA TAGGAACGCG ACTTTCAAAG TAATCGTACG AGGTAAGAAC

236001 TGCTTGCAGG TTACGAGTTT CTGTCATGAG AACTTGTAGT TGCGCACTGG

236051 GTACGTAGGG ACCCTGCCTT TTTAATTCTG TTGCCATTCC TTTCATTAGA

236101 AAGGAGCTGA CAATAGCCAT ATCTTGGTAG GTATAGCGGT CTTGAAGCAT

236151 AGAAAGTAGC TGATCACAGG TATGTGTGTC TCCAGTCACT TCTAAGTACA

175

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236201   AAGAGCGAAG CCCTGAAGGA GAAACATTCA GTTGGTCTGC ATATTCTTGA

236251   GAGGCAAATA AGATGTTTTT CGCACCAATA GCAGTTCGTC CGAATTGCTC

236301   CGTATGAGTA TTCCTTGCTT GGATAAGCGC TTCTTTTAAT TTACCTTGGG

236351   AGGGTGGAGT CGTTTGAACC AGGTAGTCCA AAGCTGTGGA TTGCAGAGCT

236401   GGGTCTTTAA TTTTCTCTTG TACAAGAGCA AGAATGTCTT CTGGAGAAGC

236451   ATCGTCTCCT ATTGCATCAC GCAGGCCGCG AAGTTCTTGA CCAGAGATTT

236501   CAGAATTCCC AGAAGCATAC TTATCAGCAA GATCTGTGTC AGGCTTCTCT

236551   TCTGTAGATT CAGATTTTTT CTCAGCCTTT CCAGCTTCTC CTTTTTTCCG

236601   AGATTCTAGA GTTTGAAACT TCTCTTCCTT TTTTTTCGTG CGTGTTGCTG

236651   CTGCGGGATT TGTCAGGTCC TGAGATTGTT GAATCATGTT CATCTCAGAA

236701   CCTTCTTGGC TGGCTACAAC TTCTGCTGCA TCTGCTTTTG CAGCTGCAGC

236751   TTCTACAGCT GCAAGGTTGA CACCCTGAGT GCCTCCTAAA CCACCTGTGC

236801   CTCCTGATGC TGCCATATGC CTCCTATGAG CGACAACGTA TCAATTAGAA

236851   AATCTGAATT CTTCCTAAAG GCTGGATGCG GATTTCTGGT AGGATTTCTT

236901   GATAAGAAAT CACAGCAATG TCAGGGAATT CTGTTTCTAT TAATTTTCGT

236951   ACATATCTTC TTACATCAAT TGCTGTCAAT AATACTGGTG GTTGGCCTCC

237001   TGCAGGTGTT GGCGTGATCG TATTCCTCAT AGATTTTAAA ATTAGGTTCA

237051   CAGAATCAGG ATCTAGAGCA AGGTAAGAAC CTGCCGATGT CTGTTTAATT

237101   GCTCCACGAA TCATCTCTTC AATTTCTGGA TCTAAGAGAT AAACAGAAAT

237151   TGCTGATTGT CCTTGAGAGA ACTTGAAGCT GATATAAAGC TTTAAAGAAG

237201   ACCGTACATA TTCTGTAAGC AAAACTGTAT CTTTCTCAGT TTGCGCCCAC

237251   TCGCTCAGAG ATTCTAAGAT TGTACGTAGG TCTTTAATTG AGATTTGCTC

237301   TTGAACCAAT CTCTTAAAGA TTTCCGTAAG CTTTTGCAAT GGAATAAGCC

237351   TTGTGACTTC CTTCACTAAG TCCGGGAATG AACGTTCCAT AAAATTCGATC

237401   ATAGAACGTA CCTCTTGAAT TCCCAAAAAC TCTTGAGAGC TTTTATGGAA

237451   AAAGTACGAA AGATGGAGAA TGATCACTTC GAGCGGCGTC CAATATTTAA

237501   TTGCTGCCTT CTCTAGAATA GCTTTTGCAT CTTCACTAAC CCAAGCTGAA
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176

237551 GGAAGACCCG CAGCATTCTT ATAGGTAATG AAAGGTAGAT TATAACGGCT

237601 GAGATTGTCC TCCACCTCAT TGGTTAACAC ATGGTGCGGA GGAATTTTTC

237651 CTCGCACATA AGGGACTTCA TTAAGCAGAA TCATATAATC GTATCCTTCT

237701 AAAGAAGGGG AATCTGTGCG AACATGAATG CCAGGGTATC GGATTCCGAT

237751 ATCCTGATAG AGAGCTTGCC GCATTTTAGG AATCATATCA TCAACAAAGC

237801 TTTGTCCTGA TTTTGTCTTG TGTTGGATAA GCTTAGAGAG ATCTTTTCCA

237851 AGTTCTAGAA TTACGGGAAG AGTTAGAGAA TAGTCATCGG GATTATCCCC

237901 AACAGTAGCA GCGCCATCAC CAGCAGCCCC TACGGTTGTT GAAGCTCCTG

237951 AGCCACCACC TTTTTTTCCT GCCGCTGATT TCTTAGTCAG TAGGAGAATC

238001 CCTAAGGCAA CGAAAATTAA TGCTAAAATG GAGAAGGACC ATAGAGGGAA

238051 GCCCTTGAAG AAACCAACCC CTAAAGTTGC AGCACCTGCA AGGAGTAGTG

238101 CTCGTGGTTC TTTAACGAGC TGAGTAGAAA TCTCTTTACC CAAGTTCGTA

238151 TTTTTGTCAC TCGATACACG AGTCGTGACA ATACCCGCTG TCAACGCAAT

238201 CAAAAGAGAA GGAATTTGAG AGACTAAACC ATCTCCAATG GAGAGAAGAG

238251 TGTAGACGTG AGCTGCTTGA GCGAGGTCCA TGCCGTGCAT AGCCACCCCA

238301 ATCGTCAAAC CGCCAACAAT GTTAATCAAA GAGATAACGA TACCAGCGAT

238351 AACGTCTCCT TTGATGAACT TCATGGCACC GTCCATGGCT CCGTAGAGTT

238401 CACTTTCCTT TTGGATTTGA GCCCTTTTAT CACGAGCTTG TGTGGCATCA

238451 ATCATACCAG CTCGTAAGTC CGCATCAATC GCCATCTGTT TACCTGGCAT

238501 CGCATCCAAT CGGAATCGGG CAGCAACTTC GGCAACACGC TCGGCACCCT

238551 TAGTTACTAC GATAAACTGA ATGATTGTAA TAATGAGGAA GATAATGAAC

238601 CCGACCACAT AGTTCCCTCC AACCACGAAG TCTCCGAAGG CCTGAATGAC

238651 ATGACCCGCA TACGCTTTAA GGAGAATCTG TCGAGAAGAG GAAATATTAA

238701 TCCCCAAGCG GAACATCGTA GTGATGAGGA GCAACGAGGG AAAAACAGAC

238751 AGCTGCAAAG CACTTGGAAT ATAAAGAGCC ACCATCAATA AGAATACAGA

238801 GATCGATAAG TTGATGGTGA TCATCAAGTC AACGATAGGC GGAGGCAAAG

238851 GAATAATGAT CATTAAGACA ACGCCCATCA TCCAAAGAGC AAGGATTAAG

177

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238901  TCGCTGGACT TATTGATCAT GTTTAAGGCG GTATCGCCAC CAAGTGTTCT

238951  GCTGACGAAA TTGAGTAGCT TATTCATTAT AAATGATCAG GTTGGTTAGT

239001  ATTTTTATTA TTAGGATTTT GCGCATTCAG TGAAGTGATA TAGAGTAGAA

239051  TTTCTCCAAT AGCTTCGTAA GTAGATTCTG GAATAAATTT TAATTCCTTC

239101  CCTTCATCCA AAAGCTGATG TGCTAAAGGT ACGTTTCGCA TAATGGGAAT

239151  TCCGTACTTT TCAGCTTCAT CAAGTATCCT TTTAGCTCGT AAGTTGATGC

239201  CCATGGCAAT GATCCAAGGT GCTTTATATT TTTCAGGCAT GTAGCCAATA

239251  GCAACAGCAA TATCTTTGGG ATTAGAGACT ACGGTGCTTG CATGTTTCAC

239301  CTGTGATGAC GAGTCTTCAT AGGCAATTTC TTGAGCAATT TGTCGACGAC

239351  GGCCTTTAAT CTCAGGATTT CCTTCCGTGT CTTTAAACTC CTGCTTAACC

239401  TCAAACTTCT CCATCTTTAA TTCTTTAGCG AAATTGTGGC GCTGATAGAC

239451  AAGGTCAAGA ATCGCAACAA TCAAAAGAA AATTCCTATC GAGGTTACTG

239501  CTTTATAAAA AATTTCTTTG AAGATTTGAG CAGTAATTAT AGGAGAGACT

239551  CCTGCAGTTT CTATAATTAA AGAGACTTTG CTTTTTAACG TTATGTATAA

239601  AATTAAGGCT GCTCCAAAAA TTTTTAAAAT CGATTTGATC AGCTCTATGA

239651  GAGTCTTTAT TTTAAACTTT TGTTTGATGT TCTCAATAGG GTTGAACTTC

239701  TTGATATCTG GTTTAAAAAC TTCGGTAGAA AATGTAGGAC CAACGATAAG

239751  AAAACCTACA ATGACGCCAA CAACAGCAAC AGCTCCCAGT AAGGGAAGTG

239801  ATGCTGTTAA AATAAGCATA AGACAGTTCT TAAGATAAAA TAAGGTAATT

239851  ACAGGATCAT GGCGAGTGGG AGCTTGTGAG AGCATGGAAA CCAGAAAGCC

239901  ACCTAAATGC TTGAAAAAAA AGGTCGATAG GGAGAAAGCC GTAAACATAG

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240001  CCTTTTTTCC GAGCATCTCT AAGTCGCTTC GGCGTGGCCT TTTCTGTTTT

240051  TTCACCCATG CTGTTGCCAA GGTTCGATTA AGAGGACTAT ATTCGGAATT

240101  ATCTGCAAAT TACCTTATGC TCTTGTTTTT CTCAAGAGTG AAGCCCAAAC

240151  GTTTTGTTCT TAGTAAGATT ATAAATGAAT CTTAGAGATA AAGAAGAATA

240201  GTAGAAAAAA AGAACAATAA CGAAAAGTTG TTGAATTTAG CAATACTTTA
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178

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240301 TCAATCGATT ATAGTGGTTT TTTATCATTT TCAAAGCACT CTTGATTTTG

240351 AAGGTACTAT TTTTCTAGCT ATTGTGCTTT TTTGAAACAG AAGAGTTGTC

240401 TTTCTAATAT TCGAAAAAGC ATGTCATTAT TTTTATTTTT AGATGTCTTA

240451 TGAGTCATAC TGAATGTGGA ATTGTAGGGC TTCCTAATGT AGGAAAGTCT

240501 GGCTTATTCA ATGCTTTAAC AGGAGCTCAA GTTGCCTCCT GTAACTATCC

240551 GTTTTGTACT ATCGATCCTA ATGTGGGTAT TGTTCCTGTT ATCGATGAAA

240601 GACTGGAAGC CTTAGCTAAA ATTAGCAATA GTCAGAAGAT CATCTATGCG

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240751 TTGCTCATGT AGTGCGTTGT TTTGATGATC CAGACGTTAC ACACGTTTCA

240801 GGAAAAGTCA ACCCTGTTGA GGATATTGAA GTTATCAACT TAGAGCTCAT

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240901 TAGCCAAAGG AAAGCGTGAA GTAGGAGCTC TCTTGCCTCT ATTTGATACA

240951 ATTATTGCTC ACTTAGAAAA GGGGCTGCCG CTACGTACTT TAGAATTAAC

241001 TCCAGAACAA ATTGTGGCAT TAAAGCCCTA TCCGTTTTTG ACCATGAAGC

241051 CTATGTTTTA TATAGCTAAT GTTGACGAGA GTTCTCTACC AGATATGGAT

241101 AATGATTATG TTGCCGCTGT TCGGGAAGTT GCTGCAAAAG AAAATTCTAA

241151 AGTGGTTCCT ATCTGTGTTC GTATAGAAGA AGAAATCGTT TCCTTACCTA

241201 TTGAAGAGCG CTTAGAATTT CTTATGAGCT TAGGTCTTGA AAAATCAGGA

241251 CTTCATAGAT TAGTGCGTGC TGCGTATGAC ACTTTAGGAC TGATTTCTTA

241301 TTTTACTACA GGTCCTCAAG AATCTCGTGC ATGGACAGTG GTTCGAGGGT

241351 CTTCTGCTTG GGAAGCTGCT GGAGAAATCC ATACGGATAT TCAAAAGGGC

241401 TTTATTCGTG CTGAAGTGAT TACTTTTGAA GATATGATAG AGTGTCAAGG

241451 TCGTGCAGCT GCTCGAGAAT TAGGGAAATT ACATATAGAA GGACGTGATT

241501 ATATCGTCCA GGACGGTGAT ACTATGCTGT TCCTTCATAA TTAAAGGAAC

241551 CCTTTGCAAA CCAATCTTGA GCATCCAAAA TGTCTTTTTC AATTGCTCGT

179

241601 ATTAGAGTTT CTTTTGATTG AAACTTTTTT TCTTCTCTAA GAAATTTTCT

241651 CGGGATAATG CTCACTTCTT TGCCGTATAG ATTTTCCGCA AAGGAAAAGA

241701 TATGCGCCTC TGCATATAAA GACTCTCTTC CAAAAGTAGG GGCAGTTCCT

241751 AAATTCATAA CACCCTGACA GGTAGTGCTA TCATAACGTA TTTCACAAGC

241801 ATAAACTCCT AGGGGAATTA AACTTTCTTC TCTAGGAAGA TTTATAGTGG

241851 CGAATCCTAG AGAACCTCCT ATTCCGGAGC CCTCGGTTAT TTTTCCAGAA

241901 ATGGCATAGG GATGACCCAA AAAACGATGA GCACATTCAA GATTCCCTGC

241951 GGACAGAAAC TGGCGGATTG CTTTGCTGGA GACAACTATG TTATCCATAC

242001 GGTAAGGAGG AATCTTGATG ACCTCTATAC CTAACGGCTT GCCTATAGTA

242051 TCGAGAGCCT CGGTATTGCT TTGCTGTTCT TTCCCTATGC AAGAATCATA

242101 ACCTAAGATG AGGCGTTTGC ATTTCAAGTT ACGATGTAAC AAAGTAAGAA

242151 ATTCTTCTGC CGATTGATTC GCAAAATTTA AATCAAAAGT AAGGACACCT

242201 AACCAGTCTA TGGGAAACGT TTGCAATAAT TGGAGGCGCT CTTCTTTTGT

242251 ATTGATGAGT TTCGTGTGAT TTAAAGAAAG TACCGTTTGA GGATGAGAAT

242301 CAAAGGTAAT AACTCCACTG GATCCAGAAT AGGAAGTAAG AATAGATAAA

242351 AGATTGCTAT GCCCTAGATG ACATCCGTCG AAAAAACCTA CAGTTACAGA

242401 ATCTACAGAA AACGAAGACG TTAAACTATA GGCTATTTCC ATGGGCATCT

242451 CGTAGGTAGG GAGAAATATC GAAATCGGGG TGGTCTAATA GATTCCCATC

242501 AATACATTCA TCTATAGAAA AACGGCCACT GCGTAAACGG CGTAGCTGCT

242551 CAAGATAAGC TCCACAGCCT AACATCGTGC CAAGCTCATG AGCAATGCTG

242601 CGAATATAAG TTCCTTTGCT ACAAGAGACT ACAAAATGCA ATAAAGGGTA

242651 CTCATATTTC GTAATCTGCA AGTGAACTTG AACTGTAGAA TGGTGACGTT

242701 CTATAGATAA ACCTTTTCTA GCATATTCAT ACAGCTTTTT CCCTTGGACT

242751 TTTTTAGCGG AAAACATGGG AGGCAGTTGC TGGATCTCTC CTTGGAAATA

242801 CTCGGCAGCT GATAATACTT CTTCGAGACT AGGAATCTTC TTAGATCTTC

242851 CTACAACTTT GCCGTCGCAA TCATAAGAAT CGGTAGTTGT CCCTAAATGG

242901 GCAATTGCTT CGTATTCCTT GTCTTCAAAA AGTAAAATAT CAGAAAGTCT

180

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242951  AGTAAATTTA CGGCCAATCA ACATGACCAT AACGCCAGTA GCGAAGGGAT

243001  CTAAAGTTCC TGCATGACCA ATCTTTTTAA CGCCTATTAA CTTGGTTAGA

243051  GCGCGGATAA GGCTAAACGA AGTTCTCCCT TGAGGCTTGT CTACAAGAAG

243101  AATGCCCTCT TTTAATTCTA CTGCAAGATC CATAGTCATG TCTTTAATAG

243151  TATTCAAGTT CCCAAAAAAT ATAGTTTATT AACTCTTTTC TTTCTCTTGA

243201  ATCTGCCAAA GCAGGTTTTC TATATAATCT TGAGGTGAGA AAATATCATC

243251  GAGATAAAAA TGAAGTTCTG GGAAATATTT AAGGACGACA TTTTTCGAAG

243301  CTCTATGAGC GATAAAACCA GCAGAGACTT TTAAAGCTTC TAAAGCCTCT

243351  TCCTTGGTAT TCTCATGAGG CATTACAGAT ACATAAACAC GTGCAGAGTG

243401  CAAATCCTTA GATAGAGAAA CACGAGTTAC CGTGATCCAA AGATTAGAAA

243451  TCTTGGGATG CTTAACATCT TTTAAAATTA CCTTTGCAAT GGCTTCTTGT

243501  AATAAAGCAT TTACCCGTTT AATACGTCTA TTTTCTGTCA TACAGTACTT

243551  CAAGTTATAG TTTTTGTGGA TGATAGATAA CTTCATAACA TTGTAGGACA

243601  TCACCTATTT GAGCTTGCTG GTATCCTTCT AACAAAATTC CACACTCTAA

243651  ACCTTTGCGA ACTTCTTTGA CATCTTCTTT AACACGTTTT AATGAAGATA

243701  ACGTACCTTT CCAAAGGATC TCTTTATTAC GTAATACTCG GACTTTATGA

243751  TTGCGAGTCA TAATTCCTTC AGTAACTATG CAACCGTAAA TAGATCCTAC

243801  TTGTGAAGAC CTAAAGATTT CTTTAATCTC AGCAGAACCT TCATCTTTTT

243851  CTTCAGCAAT AGGATCTAAT AGAGAAGTCA TAATTTCTTT AATTGCATCA

243901  ATAGCATGAT AGATGACGGT AAATAGTTCA ACTCGGACTC CTAAGCTCTT

243951  AATTAAAGGT TCCGCATGAC TTTCTATTCC TGTATGGAAA CCGATGAGAA

244001  CTGCTTTAGA GGCGGCAGCT AAACGAATGT CTGATTCTGA AATTTCTCCT

244051  ACACTGTTTG TTAAAATTTC AACATCTACT TTTTCTGATT TAATCTTAGA

244101  TATTGAACTG ACCAAAGCTT CTATGGAACC TTGAACATCA GCTTTAATCA

244151  TAAGCTTAAG AGTCTTTTTA TTCTGTAACA TAGAATCAAA GTTAGGCCGC

244201  TTCTTTTGCT GTAAAGCAAA ACGCTGTTGT CCTGCGGATC TAGCTTCAAT

244251  AATGTCTCTA GCCGTTTTCT CGTTTTTCAC GACGAAGAAA GGATCGCCAG
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181

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244301   CTTTAGGAAT GTCCGATAGA CCTGTGATCA ACACAGGAAT AGATGGCCCA

244351   GCTTCTTTCA TCAATTCATT ATGTTCGTTA TGCATAGTTT TCACTTTGCC

244401   ATAACAATCA TTGAAGACGA GAGCTTCGCC CAGTTTTAAG CTTCCATTTT

244451   GAATCAAAAC AGTCGCAACA GGTCCGAGAC CCTTGTGCAG TTCTGATTCA

244501   ATAACAAGTC CTCGAGCACG TGCTGAAGGA TCGGCTTTTA GCTCCAAGAC

244551   TTCAGCTTGT AAAGCTAACA TCTCTAAAAG TTCTGAAAGA CCTTCTCCTG

244601   TTTTTGCGGA GGTATTTACT GTAACAGTCG AGCCTCCCCA AGCTTCTGGC

244651   AATAGATTGA TTTCAGAAAG TTGTCTATAG ATGGTTTCGG AATTAAAATT

244701   AGGCTTATCA CACTTGTTGA TAGCTACAAC AATAGCGATA TCAGCAGCTT

244751   TTGCATGTTC AATAGCCTCT AAAGTTTGTT CTTTAATTCC TTCGTCTCCA

244801   GCGACTACAA GCACAACAAT ATCACAAACT TCAGCTCCAC GGGCTCGCAT

244851   TGCAGAGAAA GCTTCGTGAC CAGGAGTATC TAAAATTGTT ATGTCTCCCA

244901   CTGGGGTGGA GCAGCAGAAG GCTCCCATGT GTTGGGTAAT CGCTCCAGCT

244951   TCTGTTGCAG CGACATTACT TTTCCTTAAG GAGTCAATGA GTGTTGTTTT

245001   TCCGTGGTCG ACGTGACCCA TAAACGCAAC AATAGGGGAG CGAATCACAA

245051   GCTTGCTGGG ATCTGTAGAT TGAATTTCGT CTCTTACAGT GTCATTGCTT

245101   AGGCACAACT TATCTTGCTC AGAATAGTCG ATGTCAATTG TACATCCAAA

245151   CTCTAAGCCA ATAAATTGTA CTGCAGTTTC GCTGTCTAGA ATATCATTGA

245201   CTACATAGGT CATTCCATGA ATGAATAACT TTTGAATGAC TTCTGAAGCC

245251   TTGAGCTTCA TTTCTGCTGC CAGATCTTTG ACGGTAATTG GCAAGGAAAT

245301   TTTGATATGC GTAGGTCGCT GGATAGAGGC TTCGTCATAG TGTTTTTTAG

245351   GCTTATAAAC ACGTTTTTTT CGCCATCTGT CTTCTTCTCC GCCTTCATTT

245401   AATCCGTAAC GATCTCTTCC TGTAAAAGCC TTTAGGCTTT CATCAGATTT

245451   CTTAGAACGA TCACGAAAGT CGGTAAGATT TTTCTTCCCA GCATCTCTTT

245501   TTGGACCAGA AGCAGGACTA CGGTTAGCAG GATTGAATTG TTTTTCTCGA

245551   TTATTCTGTT CACCACCTTC AGATGTTCCA GGTTTCCCTG TTTTATCTGA

245601   AGCAACGGGC TTTGTGCTTT TCGAGCCAGC TACGACTTTC TCTTCCTTGG
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182

245651 CAGGAGCCTT GAATGTTTTT GCTAGGAGAT GATTGATATG CTTTCCTGTA

245701 GGGCCGAACT TAGATTTAAT CATTACGACG CTTTTAGGTT CAGCAGGCTT

245751 CACAGGCTTA GGCTCTAATT CTTTTTCTTG AGGTGGGGTT TCGGGCAATA

245801 CGGGTTGCTC AGGAAGAACT TCAGCAACTG GATGAACCTC AGGACTTTCG

245851 TCACAAACCT CATCGACTAC TTCTAACTCA GGCTCAGGAT CTGCTATGGA

245901 GACTGGAGCA GGTTCAGATG TATCCACTGG AATATGAGCA GAAGACTCTT

245951 CTTCGGATGA TGAGAACGAC GAACGATTTT TAGCACGAAT GCGACGTGAA

246001 GTAGACTCTG GTGAAGCTTG TTCCGCACTT GCCGTAGGGG TAGAAGTTGC

246051 GGCAAGAGCT ACTTTTACAG ACTTTTCTTT CGCAGAAGGT TTTTCTGAAG

246101 AAGATTTAGC TTCAGAAGAT CCTGCTTGGG CAAGTTTTTG TTTTAGCTTA

246151 TCCAGCCCCG CGGCTTTCGT TAATTGAGCA TTCTTAATCT TCAATTTCAG

246201 GTTTTTCGTC AACTTTACTT TCTCCATATT TGCTGACTTG CTCAAGGATC

246251 TTATAAGCAA GCTCTAAACT GATCCCAGGA ACAGATGCCA GATCATTAGC

246301 ACTCGCTAAT AATACTCTTC TAATTGTGTC ATATCCAGCA TGTTCTAAAT

246351 TTTGGATGAC TAGCTTACTA ATCCCTTCCA TTTCTAAGGG TTGATCTAAG

246401 TGCGGACTAT CGAATTCTGC TAATTGAAGG CGTTGAATTT CTAGCAACTT

246451 ATTGTACTCA CTCATACGTT GTACTTCGAG CTCGTAGTCT AGAATGTGGC

246501 TAATTAAACG AGCGTTAATT CCTCGTTTAC CAATAACAGT AGCGTAGTCT

246551 GCATCATTAA CGACAATTGC AATCACTTTG TCGTCTTCTA AAATAGCAAT

246601 CTTTTGGATT TCTATTGGAT AAAGAAGATT CTGTAATAAC TCTGTAGAGA

246651 CGGGGGAGTA ATTGACAATG TCAATTTTCT CATCGTTCAA TTCTCGAATG

246701 ATATTTTTTA CTCGAGAACC TCGCATACCT ACAAAGCTC CAACAGGATC

246751 AGTTTTAGGG TCTGACGATC TTACAGCTAG TTTCGTGCGG TACCCAGCTT

246801 CACGAGCTAT CTTAACAATC TCCACAGAAC CTTCTTCTAG TTCTGGGACT

246851 TCTTGAATAA ATAATTGTTT AACAAATTCT GCGTGACTAC GACTGAGGAT

246901 AACTTCCGCT CCACCATTTT CAGACTCTTG AACTTCATAG AGTAGGGCGT

246951 AAATTTTATC ACCGATCTTA TGTTTTTCTG TTTTAGGATA AAACCGGGTA

183

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247001  GGAAGAATTG CTTCAACTTT TCCTAAGTCA ATAATTAAAT TAGAACCTTT

247051  AGCAAAACGT TTGACAACAC CAGATAAAGT TTCATTTACG CGATGGCGAT

247101  ATTCTTCATA AATAACGTCT CTCTCAGCAT GTCTTAGCTT TTGACCGATA

247151  ATTTGTCGTG CTGCGTGAGC AGCTATCTTC CAAAATTATC AGAAACAAAA

247201  GGGACATCCA TGTACTGACC AATCTGACAG TCCGGATCGT ATTCTCTGGC

247251  TTTATCTAAA GGAATTTCTT TGCTAGGATT CTGACAAATT TCTACTATTT

247301  CCTTTTCACA AAAGACTTCG ATGTCACCAG TACGAGAATT AATGTTTACA

247351  GATATGTTCG CGTCATCTCT TAAGGTTTTT TTAGCAGCAA TTTTTAAAGC

247401  AGATTCGATA GCTCCTATAA TAGTAGAGCG CTGAATCCCT TTTTCTTTCT

247451  CCATGTAGTC AAAAATAGCT ACAAGATTTT TATTCATTAT ACTCCTCTTG

247501  TAAATAAGGA AATCAGTAAA TAGCTAAATT AAGGACGTAT TATTTAGAAC

247551  TAAATAATAC GATCCTCTGC ATTACCAGCA TTAGATGCTA TTTTCCTTTT

247601  TTCTTTCTCT CTTTAGGGCC TTGAGAATCC TTGAAATCTA ATTCAGTCCT

247651  AGAGTCTTGA TCATAAGCAT TGTCAGCTAA GTATTCTTTT ACAGAAAGAG

247701  AAACTTTTTT ATGATCTGGA TCTAGCTTAA TTACTTTTGC AGAAACATTT

247751  TCTCCAATGG AGATAATATC TTCAATTTTT GCAAAGGGCT TGTCAGAAAG

247801  TTCTGAAACG TGAATCAATC CTTCAATCCC GTTTTGTAGC TCAACAAAGG

247851  CTCCAAATGC AGTGATTTTA GTCACAACTC CTGAAATTAC TGTGCCAGCA

247901  GGGAACATAG CTTCAATTTC ATTCCAAGGA TTAGAACTTA ATTGCTTAAC

247951  TCCTAAAGTA ATTTTTTTAC TTTCTTTGTC TACTGATAAA ATAACAGCCT

248001  CTACAGAATT TCCTTTTTTG AATAGTTCTG AAGGGTGAGA GACTTTTTTA

248051  ATCCAACTCA TGTCAGAAAT ATGAATCAGA CCCTCAATTC CTGGTTCTAA

248101  TTCAACGAAA GCACCGTAAT TGGTTAAGTT CTTGATTTCA GCATTGACAT

248151  GGAGACCTAT AGGATATTTT TCTTCGATAT TGTCCCAAGG ATTACGTTCT

248201  GTTTGCTTTA ATCCTAGAGA AATTTTTCCT TCGTCCTTCT GAATAGATAG

248251  AACAATGGCT TCAACTTCAT CGCCTTTATT TACGACTTCA CTAGGATCTA

248301  CAATATTTTT CACCCAAGAC ATTTCAGAAA TGTGAATTAG ACCTTCAATG
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184

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248351  CCCTCTTCAA TTTCAATGAA AGCTCCGTAG GGGAGAAGCT TCACAATTTT

248401  ACCAAGAACT CGTTTTCCAG GAGGGTATTT CTTCTCAATA TCTTCCCAAG

248451  GATTATGCTC TTTTTGTTTG AGACCTAGAG CAACTCGTCC TTTTTCTTTA

248501  TCTACGCTTA AAATAATTAC TTCCAACTCT TGATTCAATT CGACCATTTC

248551  GGAAGGATGT CGTATGCGCT TCCAGGTCAT ATCGGTAATG TGGAGAAGAC

248601  CGTCAATACC ATCGAGATCT AAGAATACAC CAAAGTCAGT AATGTTTTTA

248651  ACAACTCCTT TGCGGTATTC TCCGATAGAA ATTTGTTCAA TAAGTTCGGC

248701  TTTCTTAGAG ATTCTCTCAG CTTCTAAGAG TTCTCTTCTT GAGACAACAA

248751  TATTGCGACG TTCAACGTTA ATTTTTAAAA TTTTGAATTC ACAAACTTTT

248801  CCGACATAAT CATCTAAATT TTTGATTTTC TTGTTGTCAA TTTGTGATCC

248851  AGGTAGGAAG GCTTCCATTC CAATATCTAC AATAAGGCCG CCTTTGACTT

248901  TACGTGTAAT TTGACCTTTA ACAATAGAAC CTTCTTCACA ATGAGCTAAG

248951  ATGTATTCCC ATTGACGTTG TCGTGTGGCT TTTTCTCTAG AAAGGACAAC

249001  TTTGCCCTCT TCGTCTTCGG CTTGGTCGAG ATAGACTTCT ACTTCAGCTC

249051  CAAGCACTAA ACCTTCTGAA GAGTCTATGA ACTCTGACAT AGGGATCACT

249101  CCCTCAGACT TCAGACCAAC ATCAACTACG ACAAAGTCTT TATTAATATC

249151  AACTACGGTA CCTTTTAGGA TGGCGCCAGG CTGTATTTCG TTATCAGATT

249201  CTTCTTCGCT CGAAGTAATT CTGTGTGCCG TATAAAGCAA ATCTTTAAAT

249251  TCGGCAACGT CTTCTGTGAG GCATTCTATA TTGTCCAGAA TTTTTTTAGA

249301  TCCCCAAGTA TATTCAGCTT GTTTTGGCAT TTATTGTTAT TCTCCTAAAA

249351  ACTACAAAGT CAAAAAAGAC AGTGTAAATA TAAACCTTAA AAAAGGCAAG

249401  ACCTCCCTTG CAGGAGACGA TTAGTTCTAT ATAATCGAAT TAATCGTAAA

249451  ATCCTATACT TCCGTTCTAG AGATGTATAA GGCCTCTTTT TTAACTTTTC

249501  TATATTACCA GATTTTATAA AATACGTGTG GTAATTATCA TAAATGTGCC

249551  TTGTCATATG TAGAGAAACA GGATTTGGCG CATAGAAAAC ATATCGTTTT

249601  TTTCATAAGC ACCCCATAAA TTCTCGTCCC AGATGGGCTA CATCAGCTTT

249651  GTTCTTAAGC CTGATAGATC TTTTTGGTTG CTGCTCAAGA ACCAAGTGCA
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185

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249701  TTCAGAAGTA GAACCATACT TATTGAGGGT TAAATAATAG GATGGGTCTT

249751  GGTTTCTTAG CTCTAAGAAA ATTCTAAAGA TTAATCACAG AAATGTAGGT

249801  GTTATTACTG GAAGATGAAG ATCTTGAGAT TTGAAACTTT AGTCTTAAAT

249851  CCGTATAAAT TAAAACTAGA CAAAAGCTAT TCAAAAGCAA GTTTTTTGCA

249901  TAGAGAAACT GACGCATAGA CGCTAAGTGT TGTTTATTAG ATAGGCTAGA

249951  ATTAAGTGTC TTTTTTCTAG TAGATCAAGA ACAGTGTTCT CAATTTCTAA

250001  AGTTAGATAA GGAAATTATA AATGATTCAT TCCCGGTTAA TTATTATTGG

250051  TTCAGGTCCA TCTGGATATA CAGCGGCAAT TTATGCATCA AGAGCGCTTT

250101  TGCATCCTCT TTTATTTGAG GGGTTTTTCT CTGGGATCTC TGGTGGCCAG

250151  CTTATGACTA CAACAGAAGT TGAGAATTTT CCAGGGTTTC CTGAAGGGAT

250201  TCTTGGGCCA AAACTTATGA ATAATATGAA GGAGCAGGCT GTGCGGTTTG

250251  GGACCAAGAC ACTAGCTCAA GATATTATTT CCGTAGATTT TTCTGTTCGC

250301  CCTTTTATTT TGAAATCAAA AGAAGAAACC TATTCTTGTG ATGCCTGTAT

250351  CATAGCTACA GGAGCTTCTG CTAAACGTTT AGAAATTCCT GGAGCAGGAA

250401  ACGATGAATT TTGGCAAAAA GGAGTGACTG CTTGTGCCGT TTGCGATGGG

250451  GCTTCTCCTA TTTTTAAAAA TAAAGATCTT TATGTGATTG GGGGAGGGGA

250501  TTCTGCTTTA GAAGAAGCTC TTTACCTGAC TCGTTATGGA AGCCACGTAT

250551  ATGTAGTTCA TCGTAGAGAT AAACTGCGGG CTTCTAAAGC TATGGAAGCT

250601  CGGGCGCAAA ACAATGAAAA AATTACATTT TTATGGAATA GCGAGATTGT

250651  AAAAATTTCT GGAGATAGCA TTGTCCGTTC CGTAGATATT AAGAATGTTC

250701  AGACTCAAGA AATTACAACT AGAGAAGCTG CGGGGGTGTT CTTTGCTATA

250751  GGCCATAAGC CAAATACGGA TTTTCTCGGA GGACAGCTGA CGTTAGATGA

250801  GTCGGGCTAT ATTGTGACTG AGAAAGGAAC GTCCAAGACT TCTGTCCCTG

250851  GAGTATTTGC TGCTGGAGAT GTTCAGGATA AGTACTATCG TCAGGCGGTT

250901  ACTTCTGCAG GAAGTGGTTG TATAGCAGCA CTAGATGCTG AAAGATTCTT

250951  AGGCTAATGC GATTGCAGTT GCTGTGGCAT ACTCTTTGCA GTGGCTTATA

251001  GAGAGAATGA CTTTAGAAAT TCCAATTTTT GCATAGACAT GCGAAGGGAG
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186

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251051   GAGAACTTCG GGTCCGTGAG ATACTTTAAA GACTTCGATG TCTTTCCAGG

251101   CAACAACGCT CCCTATGCCA GTTCCTAAAG CTTTTGCTAC AGCTTCTTTT

251151   CCAGCAAAGC GACCTGCAAA TGAAGGGATG GGATCGGTCT TTTCTAAGCA

251201   ATATTTCTGT TCTGCTTCTG TAAAGATTCT ATTGAGTAGT CGATTGCCGT

251251   GAGTTGCAAT TGCCTCGCGA ATGCGGCTAA TTTCAATAAT ATCGGTTCCT

251301   ATATGAATGA TTTCCATAGA GTTCGCACTA ATTTCCTTCA GGATTTTCCA

251351   TTAGGGCATT CTGTAATTTT GAGAAGTAAG CGATGGCAGT TTTAATGAGA

251401   GCATAGCCCA CTGTAGCTCG AATCACGAAT AAGGCTTGAG GATTGCTGAT

251451   ATAACGACGA AGGACTAAAG AGAAGGCAAT CATAATGACC ATGATGAGAA

251501   ACCTTCTAGA GATAAAGGTC TGCTTTATAT AGGCAATCCA TGTAATTTTT

251551   TGTGAAAAGA ATTCAGAAGA TAGACTCAGC TGTTTCCTTA TAGTTTTGCT

251601   TAGCAAGTAG CGATGTTTTA GGGATGCTAA TCCCCAAGAA ACCATAGATA

251651   GAAGACAGTA GGTAAAAAAA GAAGAAAGGG GGTCTAGGGC TATTGCGGTA

251701   GCTTTTAGCA AGAGTTTCAT TCCTGCTGAT ATCCACAAAA TACCAGGAAA

251751   TAGTATCAGG AAATATTTGA TGTTTCTTGC CATAGTGCAT TACACTTAAT

251801   TTCTAAATAC TCTATTTTAC TTGGAGTATG AATTTTTTGC TAACTGGTAT

251851   TAAGATATGC GAGCTGAGAT GGCTGTGATC TATTGGGATC GCTCAAAAAT

251901   TGTCTGGTCT TTCGAGCCAT GGTCTCTAAG ACTTACTTGG TATGGCGTCT

251951   TTTTTACTGT AGGGATTTTT CTAGCATGTC TCTCAGCAAG GTATTTGGCT

252001   CTTTCCTATT ATGGTTTGAA AGATCATTTA AGTTTTTCCA AAAGCCAGCT

252051   ACGCGTGGCT TTAGAAAACT TTTTTATATA CTCTATTTTA TTTATTGTCC

252101   CTGGAGCTAG ACTTGCCTAT GTGATTTTTT ATGGATGGAG TTTTTACTTA

252151   CAACATCCTG AAGAGATCAT TCAAATATGG CACGGAGGCT TGTCGAGTCA

252201   TGGAGGCGTT CTTGGCTTTC TTTTGTGGGC GGCCATTTTT TCTTGGATAT

252251   ATAAAAAAAA GATTTCAAAA TTGACTTTTC TCTTCCTTAC AGACTTGTGT

252301   GGATCAGTTT TCGGAATTGC AGCGTTTTTT ATTCGTTTGG GTAATTTTTG

252351   GAATCAAGAA ATTGTAGGAA CACCGACTTC TTTGCCTTGG GGGGTGGTTT
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187

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252401   TTTCTGATCC TATGCAAGGT GTCCAGGGAG TTCCTGTGCA TCCTGTGCAG

252451   CTTTATGAGG GAATCAGTTA CTTGGTCGTC TCTGGAATTT TATATTTTCT

252501   TTCCTATAAG CGTTATTTGC ATTTAGGTAA GGGATATGTG ACTTCTATAG

252551   CCTGTATTTC TGTCGCTTTC ATTCGTTTTT TTGCGGAGTA TGTAAAAAGC

252601   CATCAAGGGA AAGTTTTAGC AGAGGATTGT CTACTTACAA TTGGTCAAAT

252651   TTTATCTATA CCTTTATTTC TATTTGGTGT GGCCTTACTT ATCATTTGCT

252701   CATTGAAAGC TCGAAGGCAC CGTTCACACA TATAGCAGCA TCTTTTTGGC

252751   ATGAGACTTT AGAATTTTAC AGTCTATCAC AATAAGAGAC CTGTATTGAG

252801   AGATTCTCCT TTGGGAGATA ATGTGGGTTT ATGATATTTT GACCTCTTAA

252851   GTTTAATTTT TAGAGTTTAT CAAATGAATA AACGCACTTT GCTTTTTGTT

252901   TCTTTAATTG GGATTGCTTT TGTAGGATGT CAAATATTTT TTGGTTATAA

252951   TGAATTTCGT TCCTGCAAAA ATCTAGCAGA GAAACAAAGA AAGATTTCAG

253001   AACAGACGCT AGCTGCAGTA GAATCTGTAG GGTTAAGTGT AGCTTCATGG

253051   GACACCGATG TAAACGGAGA AGAACATAAG AATAACTACG CAGTTCGTGT

253101   TGGAGACAAG TTATTTTTAT TACATAATGG AGAAGCTGCT CAGTCTGTTT

253151   ATTCTTCTGG GGAATCTTGG AGCTTTGTAG ATCACAAGTG TGGTTTCGAT

253201   AATATTCACT TGGCTTTATA TCGTCAGCAG GGTTCTTCTT TCAATCCTAC

253251   GAATACGGGA AAAGTTTTTC TTCCTACGAA TCATGAAGGT TTACCTGTAC

253301   TAGTTGTTGA GTTTCGTAAC AATAAAGAGC CTTTAGTATT TCTAGGTGAG

253351   TACGCACAAG GAAGAATTTC CAATAAAGAT AGCACGATCT TTGGTACAGC

253401   GCTTGTCTTT TGGAGATCAG GAAGCGACTA TATTCCTTTA GGTCTCTATG

253451   ATTCTCGAGA AGAAAAGTTA GTTTCTTTGG ATCTTCCTAT TACACGAGCT

253501   GTAATTTTTG GTAATGACCA AGATTCGGCA AAGTCGTCAG ATACTGCGAA

253551   CCACTATGTT TTATTTAATG ATTACATGCA GATTATTGTT TCTGAAGAGA

253601   GTGGTTCTAT AGAAGGTATC AATTTACCTT TTGCTTCAAC AAATAATAAA

253651   AGCATTGTGA ATGAAATTGG TTTTGATAGG GATTTAGCTT CAGAGAAATC

253701   TCCTGAAGCT CTTTTCCCTG GGCTGTCTTC AAAACTTCCT GATGGCCAAC
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188

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253751  AAGCCAAAAA CTCGATTGGA GGTTACTACC CTTTATTGCG CAGGGGATTA

253801  TTAAGTGATT CTAAGAAATT ACTTCCTCTA GAGTATCACG CATTAAATGT

253851  GGTTTCAGGA AGAGAGCTAG CGACTCCTGT GGCTTTAAGA TACCGAGTTC

253901  TTTCCTATAC CCCCCATTCC ATTCAATTGG AAAGCTTAGA TAGATCGGTT

253951  CAGAAGGTAT ACAAACTTCC AGAGAATCCG GAAGAAAAGC CCTATGTTTT

254001  TGAAACTGCA ATTACTTTAA CGAAAGAAAC CGAAGATGTA TGGGTAACTT

254051  CAGGAGTTCC TGAAGTGGAG ATCATGTCAA ATGCTTCAGC CCCAACCATT

254101  AAATACAGGG TTATCAAAAA AAATAAGGGG TCTTTAGATA AAGTTAAGCT

254151  TCCAAAAGTA AAAGAGCCTT TAGCTATACG TCGTGGTGTT TATCCTCAAT

254201  GGATTTTAAA TTCGAATGGA TATTTCGGTA TTATTTTAAC TCCGTTGTCT

254251  GAAATTGCTT CTGGCTATGG ATCTCTCTAC ATTTCGGGTT CTACGGCTCC

254301  GACAAGATTG TCTGCTATTT CTCCTAAAAA TCAACTGTAT CCAGTATCAA

254351  AATATCCTGG ATATGAGACC TTGCTTCCTT TGCCAAAAGA TGCAGGGACA

254401  CATCGATTTT TAGTGTATGC AGGTCCCTTG GCAGAGCCTA CACTTAAAGT

254451  ATTAGATAAG ACAATTACTC AGGAGAAGGG AGAAAATCCT GAGTATCTTG

254501  ATAGCATTTC TTTCCGTGGT GTTTTTGCAT TTATTACAGC TCCTTTTGCA

254551  GCACTCCTAT TTATTATTAT GAAGTTCTTC AAATTGGTTA CGGGTTCTTG

254601  GGGAATTTCC ATTATTTTAC TTACTGTATT TTTGAAATTG CTTCTCTATC

254651  CTTTAAATGC ATGGTCCATA CGATCTATGA GGCGTATGCA GATTTTATCT

254701  CCTTATATTC AGCAAATTCA GCAAAAGTAT AAGAACGAAC CTAAGCGTGC

254751  TCAGATGGAA ATCATGGGCT TGTATAAGAC AAACAAAGTG AATCCTATCA

254801  CGGGTTGTTT ACCTTTATTG ATACAGCTTC CTTTCCTAAT TGCGATGTTT

254851  GATTTATTAA AGTCATCATT CTTATTACGA GGAGCCTCGT TTATTCCTGG

254901  GTGGATTGAT AACTTAACAG CTCCTGATGT GTTGTTTTCT TGGCAGACAT

254951  CGATATGGTT TATTGGAAAT GAGTTCCACT TACTTCCTAT TCTATTAGGT

255001  ATAGTGATGT TCTTACAACA GAAGGTCACG AGTTTGCATA AGAAAGGACC

255051  TGTTACGGAT CAGCAGAAAC AGCAACAAGT TATGGGGAAC ATGATGGCGA
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189

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255101  TTTTATTTAC CGCTATGTTC TATAACTTCC CTTCAGGATT AAACATCTAT

255151  TGGCTTTCGT CTATGATTTT AGGAGTCGTC CAGCAGTGGA TCACTAATAA

255201  GATATTAGAT AGCAAACATC TTAAAAATGA AGTGGTTTTA AATAATAAAA

255251  AACATCGATA ATACTGAAAA AAAAGTCGAA TTGTCTTAAT ACAGGCTTAT

255301  TGAAACAAGC GATTTATATG AGCTCATAGT TTATGCGAGC ATGGGAAGAA

255351  TTTCTTTTGC TACAAGAGAA AGAAATTGGC ACAAATACTG TAGACAAGTG

255401  GTTGCGATCT TTAAAGGTCT TATGTTTTGA TGCTTGTAAT TTGTATCTTG

255451  AAGCTCAAGA TTCTTTTCAA ATTACTTGGT TTGAGGAGCA TATAAGACAT

255501  AAGGTTAAAT CTGGTCTTGT AAATAATAAC AATAAGCCCA TTCGTGTTCA

255551  CGTTACTTCG GTAGATAAAG CAGCTCCTTT TTATAAGGAG AAGCAGATGC

255601  AGCAAGAGAA GACAGCATAC TTTACCATGC ATTATGGAAG TGTGAATCCT

255651  GAGATGACCT TCTCTAATTT TTTAGTTACC CCTGAAAATG ATCTTCCTTT

255701  TCGTGTTTTA CAGGAATTTA CTAAGAGTCC TGATGAAAAC GGAGGAGTTA

255751  CTTTTAATCC AATTTATCTG TTTGGACCTG AGGGATCTGG AAAAACTCAC

255801  TTAATGCAGT CAGCTATCAG TGTTCTTCGT GAATCTGGAG GTAAGATTCT

255851  CTATGTTTCT TCGGATTTGT TTACAGAGCA CTTAGTCTCT GCTATCCGTT

255901  CAGGAGAAAT GCAAAAATTC CGTTCTTTTT ACCGCAATAT TGATGCTCTA  .

255951  TTCATTGAGG ATATCGAGGT TTTTTCAGGA AAGTCGGCAA CTCAAGAAGA

256001  GTTCTTCCAT ACGTTTAATT CTCTTCATTC TGAAGGGAAG TTGATTGTAG

256051  TGTCTTCATC CTATGCGCCT GTGGATCTCG TTGCTGTTGA AGATAGATTG

256101  ATCAGCAGGT TTGAATGGGG AGTTGCAATT CCGATACATC CTTTGGTTCA

256151  GGAAGGATTG CGCAGTTTCT TAATGAGACA GGTAGAGCGC TTATCTATTC

256201  GCATTCAAGA AACGGCCTTA GATTTTTTAA TTTATGCGCT ATCTTCCAAC

256251  GTAAAGACCT TACTGCATGC ACTGAATCTT TTAGCAAAGA GGGTAATGTA

256301  TAAAAAACTC TCTCACCAAT TACTATATGA AGATGATGTG AAAACTCTTT

256351  TAAAAGATGT TTTAGAAGCA GCAGGAAGCG TTCGTTTAAC TCCTTTAAAG

256401  ATTATTCGTA ATGTTGCTCA ATATTATGGG GTCTCTCAGG AGAGTATTTT
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256451 AGGACGTTCT CAGTCCCGAG AATATGTATT GCCACGTCAG GTAGCCATGT

256501 ACTTTTGTCG TCAGAAGCTT TCACTATCAT ACGTGAGAAT AGGCGATGTC

256551 TTTTCAAGAG ATCATTCGAC GGTAATCTCA TCCATACGAT TGATTGAACA

256601 AAAAATAGAA GAAAATAGCC ATGATATTCA CATGGCTATT CAAGATATTT

256651 CTAAGAATTT AAATTCCTTG CATAAGAGTT TGGAATTTTT CCCTAGCGAA

256701 GAGATGATTA TTTAGAGGAG TAACGATCCT CTAATTTTTG CTTCTGGACA

256751 GTTGCAGCAG CCGGCGCAGA TATCATTTTC ATTGAGTTCA ACTCCGCTGT

256801 TCTAGCTTGT TTAAATTGTC TAATATGATT GAAAGCAAGG ACAAGAGCAA

256851 TACCAGCAAG TACTATCTGT ATAGCAAGAA CAATGCCGAT TCCTAAGGAT

256901 AGGGTGACTC CACTGGCAAT AACCAGTCCT AGGGTGGTTA AGGAAGCAAG

256951 GAGGAGACCT AGACTAACTA AAATAGGCTT AAAAAATACC CAGGAACAAT

257001 AACGATGTGT TGCCTTGTGA GATACTGATG GTTGTGGTTG TGTAGTCTGA

257051 GGTGTTTGTG CTACTGTAGC CATGTTGTTC TCCTGAGTAA AAAATTAAAT

257101 AATTTTAATC TGTCTATATA ATTGTTGTCA ATAATATTTT TATAGATATT

257151 ATTTTAATTT TATTAAAATT TATCAACTAA TTTTATTTAT AGTCTTTCTC

257201 TAGTTCAGAA CTATTAAGCT CTCTTAATAG GCTCTCTTTT ATTTACCAAG

257251 GCGAAGTTCT TTTTTTTTTT TCAAATTTCG CATATGGAGG GTTCTAGATG

257301 GTATTTGAAA TGGTTGCATT GTGGAAGATT TTTCGAGTTT TGATAAGAAC

257351 AAAGTCAGTG TTGACTCTAT GAAACGGGCG ATTTTAGATC GTCTGTATTT

257401 AAGTGTTGTA CAATCACCAG AGTCCGCATC TCCTAGAGAT ATCTTCACAG

257451 CTGTTGCAAA AACTGTTATG GAATGGTTGG CCAAGGGGTG GCTGAAAACT

257501 CAAAATGGCT ACTATAAAAA TGATGTAAAA AGAGTTTATT ACCTTTCCAT

257551 GGAATTTCTC TTAGGGAGAA GTCTAAAAAG CAATCTTTTG AATTTAGGAA

257601 TTCTAGATTT AGTAAGGAAG GCACTAAAAA CTTTAAATTA TGACTTTGAC

257651 CACCTTGTAG AAATGGAATC CGATGCAGGA TTAGGAAATG GTGGTTTGGG

257701 GAGACTGGCA GCTTGTTACT TGGATTCTAT GGCTACATTA GCAGTTCCAG

257751 CCTACGGCTA CGGTATACGC TATGATTATG GTATTTTTGA TCAGAGGATC

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257801   GTCAACGGGT ATCAAGAGGA AGCTCCTGAC GAGTGGCTAC GTTATGGAAA

257851   TCCTTGGGAA ATCTGTAGGG GAGAGTACCT CTATCCCGTA CGATTTTATG

257901   GAAGGGTCAT TCATTATACC GATTCTCGAG GGAAACAGGT GGCAGATCTT

257951   GTCGATACCC AAGAGGTATT GGCGATGGCT TATGATATTC CGATTCCTGG

258001   GTACGGTAAT GATACTGTAA ATTCTCTAAG GCTATGGCAA GCACAATCTC

258051   CGCGAGGCTT TGAATTCAGC TATTTTAACC ACGGGAACTA TATCCAGGCT

258101   ATAGAAGATA TCGCCTTGAT AGAAAACATC TCTCGCGTCC TCTATCCTAA

258151   TGATTCTATT ACTGAGGGGC AGGAATTGCG TCTCAAACAA GAGTATTTTT

258201   TAGTTTCAGC AACCATTCAA GATATTATCC GCAGATATAC AAAGACACAT

258251   ATTTGTTTGG ATAACCTTGC GGATAAAGTC GTAGTACAAT TAAACGATAC

258301   CCATCCCGCT TTAGGGATTG CTGAAATGAT GCATATTTTA GTCGATAGGG

258351   AAGAATTACC TTGGGATAAG GCTTGGGAGA TGACTACAGT CATCTTTAAC

258401   TATACCAATC ATACAATCCT CCCAGAGGCT TTAGAGAGAT GGCCTCTCGA

258451   TTTATTCTCT AAGTTATTAC CTCGGCATTT AGAGATTATT TATGAAATAA

258501   ATTCCCGTTG GTTAGAAAAA GTTGGCTCTC GCTATCCTAA AAATGATGAT

258551   AAGCGCCGGT CTTTATCCAT TGTTGAAGAA GGGTATCAAA AGCGTATCAA

258601   TATGGCAAAC CTTGCCGTAG TAGGTTCTGC AAAAGTAAAT GGAGTTTCGT

258651   CATTCCACTC TCAGCTGATT AAAGATACTC TCTTTAAAGA GTTTTATGAG

258701   TTTTTCCCTG AGAAGTTTAT CAATGTGACC AATGGGGTGA CTCCACGACG

258751   ATGGATTGCT CTCTGTAATC CTCGTTTGAG TAAGCTTCTC AATGAAACTA

258801   TAGGGGATCG TTATATCATT GATCTTTCTC ATCTTTCATT GATCCGTTCC

258851   TTTGCCGAAG ATAGTGGTTT CCGAGATCAT TGGAAAGGGG TAAAATTAAA

258901   AAATAAGCAG GATCTAACAA GTAGAATTTA TAATGAAGTT GGAGAAATAG

258951   TAGACCCTAA TTCTCTCTTT GACTGTCATA TTAAGCGTAT TCATGAGTAT

259001   AAACGACAAC TAATGAATAT TTCTTAGAGT CATCTATGTT TATAATGACT

259051   TGAAAGAAAA CCCTAATCAA GATGTCGTCC CTACAACAGT AATTTTTTCT

259101   GGTAAGGCGG CTCCTGGCTA TGTCATGGCC AAACTCATTA TCAAGTTAAT
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192

259151 CAATAGCGTT GCTGACGTTG TAAATCAAGA TTCTCGAGTT AATGATAAGC

259201 TTAAGGTTCT TTTTTTACCT AACTATCGAG TTTCTATGGC TGAGCATATC

259251 ATTCCTGGTA CAGATCTTTC AGAACAGATT TCTACAGCTG GAATGGAGGC

259301 TTCTGGAACA GGAAATATGA AATTTGCTTT GAATGGAGCT CTGACTATAG

259351 GAACTATGGA CGGTGCAAAT ATAGAAATGG CAGAGCATAT TGGTAAGGAG

259401 AATATGTTTA TTTTTGGTCT TTTGGAGGAG CAAATTGTAC AACTGCGGAG

259451 GGAATACTGT CCTCAGACAA TTTGTGATAA GAATCCTAAG ATCCGTCAGG

259501 TTTTAGATTT GCTAGAACAG GGATTTTTCA ATAGCAATGA TAAAGATCTG

259551 TTTAAACCGA TAGTACATCG CCTACTGCAT GAAGGAGATC CCTTTTTTGT

259601 CTTGGCTGAC TTGGAGTCTT ATATCGCTGC CCATGAAAAT GTGAACAAAC

259651 TCTTTAAGGA ACCAGATTCA TGGACTAAGA TTTCTATTTA TAATACTGCA

259701 GGAATGGGCT TTTTCTCTAG TGACAGAGCC ATTCAGGATT ATGCCAGAGA

259751 TATTTGGCAT GTTCCTACAA AATCTTGCTC TGGAGAAGGA AATTAAGAAA

259801 TAGACAGGAT GGAATCAGGG ACTCTTTCCA TAGCCAAGGA GCTATAGAAA

259851 GAGTCCTTTT TGTTCAAAGA TTGCTAGTTT AATAGTAGGA CAGCCGGAGC

259901 TTCTAAGATC TTTTGTAATC GTTTCATAAA CATCGCAGCA GGATAACCAT

259951 CAATCACTCT ATGATCTACA GATAGGGTAA GATTGCAGGT AGATCCTATA

260001 GTAATTTCTC CGTCAAGAAC AAGAGCTTGT TCTGTAACAC TTCCTACGGC

260051 AAGAATCGCC GCTTGAGGAG GATTGACAAT CGCTGTAAAT TCAGTGATTC

260101 CTGTCATTCC TAAGTTAGAG ACACAGAAGG ACCCTCCTTT GTATTCAGTG

260151 TCTTGAAGAG ATTGATTTCT TGCTTTTAAC GCTAAGCTCT TAATTTCTGC

260201 TGAAATCATG CCGAGATTTT TACGGTCTGC GCAGCGTATA ATTGGCGTAA

260251 TAATTCCATC TGGAATGGCC ACAGCTATCG AGATATCGAT AGTATCAAAA

260301 CGGACGATTT TATTATCGAC ACTGTTAAAT CCTGAATTGA TAGAAGGGAA

260351 CTCTTTGAGC GCCAGAGCAC AGGCACGTAC AATGCAATCG TTAATAGAGA

260401 GTTTGATTCC CTGAGCTTGA AGTTCTTTGA GCAGATTAAG GAGAGGTGAG

260451 GCGTAGACCT GCTGCCTTAC ATAGAAGTGA GGAATAGAGA TCTTAGCAGC

193

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260501  TTGTAGGCGT GCAGCAATCA CTTCCCGAAT CGGAGAGAGA TTCTCCTCAT

260551  GATAGGAACC TGGAGGCACT TCGGGAGACT CAGGATAGCC AAAACCAGCA

260601  ATGCTTTTAG GAGGAGCTTT CTCTAAATCT TTTTTTACTA TACGTCCTCC

260651  AGGACCACTC CCTTGAATTG ATGAGACATC TATGTTTTTC TCTTTTGCTA

260701  GTTGTCTAGC TAATGGAGAG AGATTATTCG TAGTGCCTAC GTGTTTGAAG

260751  ACTAAAGGCG AGGAGAGAGG TGGCTCTGGC TTAAAAGTTA CTGCTGTGAA

260801  TGTTGCTGAG GCAGCTTGTG GAGTTGTTGC AGGCGAGACC TCTTCAGAAG

260851  AACCTTTTGG AGATGCTTCA AGGTTAGAAG GTTCTGTCTT AGGAAGAAGT

260901  TCTTCTAGAT TAAAGGGCTC GTTGGCTTCT GTAGAGAGTA CCGCAATAGG

260951  GGTGCCTATA ACGATTTTCT CGCCTTCATG ACGTAAGATT TCACGAATCC

261001  AGCCATCTTC ATTTGCTGTA TGTTCTAAAA TAGCTTTGTC TGTAGAGATC

261051  TCTACAATGA CGTCTCCAAA ACTGACCTGA TCATTACTTT TTTTATGCCA

261101  TTTCACTATA GTGCCCACTT CCATAGTTGG AGAAAGCTTT GGCATTTTCA

261151  ATAAGGAGAT CACAAACTTA CCTCATGACT TTTTCAATGG TATCTAAGAT

261201  TCGGTTAACA TTAGGCAAAG TGGCCTGTTC TAAGATTTTA CTATAGGGCA

261251  TAGGCGTTTC TTTTTGGCAT ACCCTTAAGG GGGGAGCATC AAGAGAATCA

261301  AAAACATGCT CAGTAATCAG GGCAATAATT TCAGAAGAAA TCCCAGCGAA

261351  GTAGTGGCCC TCTTCAATTA CAATACAGCG TGAAGTTTTT CGTACCGATG

261401  ATAAAATTGT TGATATGTCT AAAGGTTTGA TCGTTCTTAG ATCAATAATT

261451  TCTATAGACA AGCCCCAACG TTTTTTGGCT AGAGAACACG CTTCTTTTGT

261501  AATGGAAACC ATACGGCTAT AAGTAATAAT TGTAAGGTCA TTTCCTTCTT

261551  GAACTCTATG TGCTTTCCCA ATAGGAACGA GATATTCTTC GGTGGGGACT

261601  TCCCCTTTTA AGTTATATTC TAGCTCGTTT TCTAAAAAAA GAACGGGGTT

261651  ATTATTTCTG ATTGCTGATT TTAATAAGCC TTTAGCGTCG TAAGGGTTCG

261701  AAGGGGCTAT AATAATAAGA CCTGGAATAT TAGCATACAA CGACTCAACG

261751  CAATGAGAAT GCTGGCAAGA TACCTGGGCT GCAGCACCAT TAGGGCCACG

261801  AAAAACTATA GGAACGGAAA ACTTCCCTCC AGTCATAAAA TGCATCTTAG
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194

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261851  CTGCATGAGA AATGATTTGG TCCAAGGCTA CAAAGGAAAA GTTCCAGCTC

261901  ATAAATTCTA TAATAGGGCG CAGGCCTGAC AATGCGGCTC CTATTCCAAT

261951  TCCAGAGAAG GCTGCTTCAC TAATAGGAGC ATCAATGACT CTCTTAGGGC

262001  CCCATTTATC TAATAAGCCT TTGGTGACTT TATAAGCACC ATTGTAGTCA

262051  CCAACCTCTT CACCAAGAAT ACAGACATTA GGATCGCGAG ACATCTCTTC

262101  GTCAATTGCT TCTCGGAGAG CTTCTCGAAT TTCTAATGTT TTATGTTTAG

262151  GCATAGACTC CTTCCTCTAA TGTGGTGACG GATGGATCTG ATGAGAGTTT

262201  TGCGTTAGAG AACGCTTCTA AAACAGCAGT TTTGCATTCT TGGCGTATAT

262251  TTTGAAATTC CTCTTCAGTC AGAACCTCTA ATCGAATTAG CCAATCTTTA

262301  GCTAGGACAA TAGGATCTTT TTTAAATAAA CACTGCATTT CTTCTTTCGA

262351  TCTATATAAA TTAGGATCTG ATATAGAATG CCCTCGAAAT CGGGAGCAGA

262401  GACACTCAAC TAAAACCGGA GATTCGGTAT CAACCATATA GCGATAAGCC

262451  TCTCTAAATC CTAAAAGAGA GTTAAATAGA TCAAAACCAT TGACTGTGAC

262501  TGCACGGATA TCGTAGGAAC TTCCTTGAGA CTCTGCTATG GGCTGTTTTG

262551  CAACAGCACG ATTTAATGAC GTTCCCATAC TCCAGCCGTT ATTTTCAATA

262601  ATAAGCATTA GAGGGAGTTG GTGAAGAGAA ACAAAGTTCA GAGTTTCATG

262651  GAATACACCT TGAGCTACCG CACCATCTCC GATAAAGCAT AGAGAAACTC

262701  TATTTTTTTG TTCTTGATAT TTGATGGTAA ATGCGGCTCC AGCTGCGAGG

262751  GGAATTTGTC CTCCGACAAT ACCAAATCCT CCAGGGAAAT TAGGCCCACA

262801  CATATGCATG GATCCTCCAC GACCTAAAGC GCATCCAGTT TCTTTCCCTA

262851  AAAGTTCAGC AGCAATTTCT TGAAGGGGAA TGTTGAGAAG AATCGCAAGT

262901  GCGTGGCAGC GGTATGAAGA GAACACCCAG GGATCTAGTC CTGTGTTTGC

262951  GATTGCAGCA GTTGCTACAG CTTCTTGGCC AGCGTAAGAG TGGTAAAATC

263001  CACCCACTAG CCCTTCTAGA TAGGCTTCTT CTCCTCGGGC TTCGAATTCA

263051  CGAATCAGAA CCATCTGTTT TAAAAATTTA ATACAGGAAG CGGGCCCGTA

263101  AAGGTCTAAG ATCCTTTCTA CTGTGGATTT CTCTGTGCCC TGAGAAGCTA

263151  TATTATAAGG TGCTGAACTA TCCATAACTT TTTTATAAGG GAGACGCTTC
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195

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263201  GGGAGCGGTT TTTGATCTCA TTATAGGAGC CTAGGTTTCA AAAGACAAGG

263251  GCTATCCGAA GAAAAAATAA TTAAGTTTTT TTAAAAAATC GAAAAAATTT

263301  TAATATGTTT CTCGTGGCAA TTTAAAGAGA ACAAAAAGGA TTACATCACA

263351  TGGACGTTTC TCGTAAAATT AATCGACACA CTCAGTTTTA CGTGGATTCG

263401  ATAGACGGTG TCATCAAAAA CTTTGATCAT AAGCCTAGTG AAGATAAATC

263451  TCGAGATCAT GAAGAATTAG AGGAAAAGCT TTTAACTATA ACAAAACGTA

263501  TTGTTGCTTC TGCTCAAGAA TTTCAGAATC GTAAGACGGA CTCTAAAAAC

263551  TACTACTTAA AAAAAACTCA ATGGTTGCCA TTCAAAAATG AAGAGTTGGA

263601  GCAAACTAAG GAATTGTTTG CCATGTTAAC TTCGATGGAT AAAAAAATAG

263651  CTCAGTTATT TTTTTATTCT CCCGGATGTA GTAGCGACTG GGTAGAATTT

263701  ACCGAAGTAA TTTGTCATTT AAATGATTCT ATAGGTTTGG GAGGGGTTTT

263751  ACTGTGTTGC GGATTATTCG AACAACAGTG TGAGCATGTT GTTACTGTGA

263801  ATAAAAAGCT AGACCTACCG CTTCTTTTAG GAACTACCGT TGTAAATAGT

263851  CTACGTTATT ATTTAACCTA TAGGAATATC TCTCTTTTGA ATTGTCAGAG

263901  CATGAGTGAG CTAGGCAAGG AGCTCGGGGA TGTTTTAAAG CAACATGGAG

263951  TTGCTTTCAC TTTAATTTTT AAAGAGATTG TGGATATAGA TTTATTAAAC

264001  TATGTGAAAC TAATTCAAGG ACTCAAGCGT AGTGGAAATA TTCAAGCACG

264051  TATTTATGAT AATGATGTGC CTACTTTACC TTCAGTTTCA TCGAGTCCTA

264101  TTGCGTTGAG ATATAGCTTA GCGAATACAA TTCGGGGCCT TGCTTTACAT

264151  GTAGATTTTT CTTCATTGAA GTTTATAAGC CCGTCTATAC TTTCCAATAC

264201  AGAGCACACT GCAAAAGCTT TAAACTCTGG CGGAGAATGT TTTATCTTTT

264251  CTAATCTGGA TGAATTCAAT CTTGGAATGA AAATAGTCAT GCAACTATTG

264301  CGGACAGGGA AGATTAGCCC AGAAATTTTA AATAAAAATA TCATGAAAAT

264351  TCTCATGATA AAAAGAAGAG TACGTTCTTT ATATATTTAA TTATTTGGTC

264401  TTTTTTTTGA TTTCAAAACT AATAAAAATAA ATAGAATTTT AGATCTCTGA

264451  AGGAATCTCA GCAAGGCTGG GAGTCGATAG ATCTCTTACT TGTTTTTCTA

264501  ACTTACTTAG TCTTTCTTCA GTTTTAGGAA GGTTCCGAAT TTTAGCAATC
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196

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264551  AACCGATGTG TTTCTTGATA AGGTCGTGCT GGAGCGCCTC CATAAATGCC

264601  TGGAGAGGTG ATAGATTTTG TGACTCCAGT TTGAGCAATC ATGATCACAT

264651  GGTCTGCAAT AGAAATATGC CCAGTAATTC CGGTTTGCCC TCCAATGATG

264701  ACATGTTCAC CAATTTTTGT AGAACCTGCA ATGCCTGCTT GGGCAACAAT

264751  AATACTATGC TTTCCAATTT CTACGTGATG AGCTACTTGT ACTTGGTTAT

264801  CTATTTTAGT TCCTTCATGG ATCACGGTGT TCTTGAATCG ACCACGATCT

264851  ATCGTAGTGT TGGCTCCGAT TTCTACATCA TCACCTACAA TCACATAGCC

264901  TAGATGCTTT AAAGGTTTGT GATGACCAAA AGCATTTGTA ATATAACCAA

264951  AACCACAGGA TCCTAAAACA GCTCCAGGTT GAACAACTAC ACGGTTTCCC

265001  ATGAGGACTC TTTCTCGAAT CACCACCTTA GGGTGAATCA GACAGTTAGC

265051  ACCTAGAACG CTGTGAGCTC CAATGACACT TCCAGCTCCG ATGTATGTGT

265101  CAGAGCCGAT ATGGGCATGT TGACTAATGA CAACGTAAGG TTCTATGGTT

265151  ACATTTTTCT CAATACGTGC AGTAGGATGA ATCACTGCAG TAGGATGAAT

265201  ACCAGGAAAC CCTGATGTTA CGGGTTCAAT AAACAACTCT ATGCACTTTT

265251  GAAATGTTAG AGAAGGGGAT TCATTGGTAA TAAGAAAGTT TTTCTTTAGG

265301  TGGGCATGTT GCATTGCCTG AGATCTAGAT AAAATAATAG CACCAGCTTT

265351  GGTGTTTTTT AGAAAGCTAG AGTATTTCTC ATTATCTAAA AAAGCAATAT

265401  GGTGAGGTTG CGCCTGACTA ATATCTTCAA CACCTGAAAT AGGAGTTTCT

265451  ATATTTCCTT GAACTTCGAC TTGTAGTAGC TCAGCTAACT GTTTAAGAGT

265501  GTAGACTGGT GCTTCGGACA TAGAAAACTC CTTAAACTTG GACTAGTTTT

265551  GTTTTTTGAA AGATTCGTTA AGAATAGCAA TAATTTCGGT TGTTTTATCA

265601  GTCCCAGGTG CTATTGCTAA GACAGCTTCT TCATTAAGGA TAGCTTCTAG

265651  TTTTTCTTTG GACCGCACTG ATTCTGCAGC TATTTTTACT TCTTGAATGA

265701  GTTTTTGAAT GCGTTTTACA TGTACTTTGA TTGATAGATT GATAGTACTG

265751  AGACTGGTAC GCATTGTACT CTCCTGAAAG ATCTTCGAAT TTCTTTCGCA

265801  ACTCTTCAGA GGCAGAATCC GATAGGCTTT CCATGTAATC TTCATCTTGC

265851  AACTTATTAT AAATAGAAGT GAGTTCTTCT TCTATTTTCT CAGCATTTTT
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197

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265901   TACAAACTGC TGTTTCATAG CTTCCAATTC TTCAGTTTCC TTTTTACCTA

265951   GATCGGATTC TTCAAGACAT CGCTTTAAAT TAACATAGCC TAAATTTGCA

266001   TGAGCTGCGC TTGTTGATCC TAAAACAAGA AGAAATGTAG AAAATAATAA

266051   TTTTTTCATA ATTACCTGTA CTAACTTGGG TATAGAAAAA GGGTACCAAA

266101   AGCCTTTTCT GAAAACAACA AAGATTTCCT TCGATAAGTC CTTAATTTAT

266151   ATCTTAGAAC ATGCCCCCTA AAGCAAAGAA GAATCGCTGA GATACATCAA

266201   TTTTTTCTCC ATTCAAAGTC TCGGTTGGAC GGAAGGGCCA ACCAAATCCT

266251   AACATAACAG GAACATTATT CATTACATCG AAGCGCAGAC CAAATCCAGC

266301   ACTACTACGT AGATCTTTTA ACGAAATCTT ATACTCTTGT AAACCGACAA

266351   AACCTGAGTC TAAGAATACA AAGGCACTAA TATTAGGTTG TCTGATGAGA

266401   GGGTATTGAA ACTCTTCTGA AATAAGGAGC GAAGAGAGTC CTCCCTGAGG

266451   TTCTGTAGCA GAGTATTTTG GACCGATAAT AAAGGATTTA TATCCCCGAA

266501   CTGTAGTCTC TCCACCTAGG AAGAAGCGCT CACTGACAGG AACTCCTTCA

266551   GCTGTAGTAT TGCTATAGGG TTTAATAAAT TGAGCTTCCC CTTTGATTTT

266601   CAAAATACCT TTACGCGTAA GTTTTCTATA GATAGAGCTG TTTAAAGAGA

266651   GTTTTGTAAA ATGATAAGTT CCTCCCAAAC CAGAAACCTC AAAAGTCACC

266701   CCCCCGCGAA TCCCTGTAGT TGGAGTTCTA GGACTATCTA CAGAATCGTA

266751   ATTCAAGTTG ACACCTGCAG CAGAGACAAA TCCTTTATTG CTGTCTATAT

266801   TTGGCCCTAG GAGGAACTTA CGTTTTTCAT GTAAACTCGT TTGACTTCCT

266851   CGATAAAATA GACCGTATTT CAGGTGTTCG TTCAAGATAT ACGTTGTGCT

266901   GACGTTCCCG CCATAGGTTT GGACAGCATA ATCTTTAGAT AATGCTCTGT

266951   TAATTGATTT ATCTAATTCA ATTCCTAAAA TCCAAGGAGT GTTTAGAAAA

267001   TGAGGTTTGG TCCACTTCAA AGTATAGTCT GTGACTTTGT CCCCGAAGTT

267051   GGCTTTTAAG AATAGATGTT CTCCACCGCC TCTTAGACAA CGAAAACCTT

267101   TAGAAAATAT ATTTCTAGCT CCAAATAGAT CAAAATTACT TTCAGATAGT

267151   TCAATTCCTC CAAAAGATT GTCAAGAGAA CTAAATCCTA AGAATAAGCC

267201   TAAGTTTCCT GTTGTTGTTT CTTTGACTTC TACAAAAATA TCTCGGTATT
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198

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267251  GATCCGCATT GCCCATAGGA TCAAGTTGAG AACGAACTGT ATAGACACTA

267301  ACGCTTTGGA AGTAGCCTGT ATTTCTTAAA CGTTGCTCAG TATCTTCTAG

267351  CTTTAAGCGA TTGAATGTAT CTCCTGGGAA GAGACTGGTT TCGTGTAAAA

267401  TAACGTCAGA TTTTGTATGG GTATTCCCAG TAATTTTAAT TAACCCAACT

267451  TTATAAGGAG ACCCTTCACT TACCTCATAA GTTACATCAT AAATAGGGCG

267501  GGTTGCGTGA GGGATGAAGA GAACGTCTAC ATTGGTATTG ATGTAGCCAT

267551  ACTTTGCATA AGTTTGTTTG ATCTTATGAG CCCCATCCCA TATTTTATCG

267601  GGGCAATAAA GATCATTGGG GCCGACTTGG GATTGCTTTT CTATAAGGCG

267651  TTTTGGCAAA ACCTCAAACC CTTGGATATG GACGTGTCCT AAGGTATATC

267701  GCGACCCTCG ATCAATATCC ATGTAAAGAA GAATATTCCC TTTGTCGTCA

267751  AGGTCATAGT GAGAGTTGAC TATAGCATCA GCGTACCCGT TATTATGTAG

267801  GTAATTCGTA ATTGCCAAGC TATCTTGTTC AACAATATCT GGGTGATAGA

267851  GTCCAGCTCC AGTAAACCAA CTTGTAGTTG TAGAGTGCTG CTTGGTTTGA

267901  ATAAATTCTT GGATATCTGA TTTTTCTGAT CGAGAGATTC CTGAGAACGT

267951  AAGCTGTTTA ATTTTCCCGC AAGGACCTTC ATTGATTTTA ATTAAAACAT

268001  CGATGTGACC TTTTTCTTGA TTGTGTTCCA GACTGTAGTC TACACTGGAT

268051  GCGAAATATC CTCGCTTGAG ATAATACGTT CTTAGATCAT CAAGACCCTT

268101  AAGAAATTTT TCTCGTTCAA AGAGATCATT ACGGTAAATT TGTAGGGTTT

268151  TAAGAATTTT ATGTTCAGGA ACGACTTGAT TTCCTGAGAT ATGAATATTT

268201  CGAATTGAGG GTTTAGCTAT TAGGTGAAGG GCTATGTTAG TTTTCCCTTC

268251  AGAAAATTCT ACTTTAGGCT CAACAGAGTC GTATTCTTTA GCTAGAATTC

268301  TCAAGTCTTC ATCAAAATCT AATTGAGAAA AAAGAGCCCC ACTTCTGGTC

268351  TTTAATTTGG GTAAGGGATG TTTATTTGAA GCATTTTCTC CTTCCGTTAT

268401  GATTGTGATA GAGTCTACCA CCACATGGCC TTCTTTAACT TTTTCAGTAG

268451  AAAATAAAGT TAAAGGGGTT TGGATTAACG CTAGAATAGA TATTTGCAAG

268501  ATAACTTTAT TTCGCATGAT GAGCATTCCC AAGAGTCTTC CCTAGATAGA

268551  AAGCTTGTTT ATCAGATAAT GAGGTAAGCA CAAAAATAGG GACAAAGAAG
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199

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268601  TTTTTTAACA AGACCTTACT ACTTAGATTA TTTTTGTATT TCTAAAGAAA

268651  TTTAAATTGT GTTTGATTTT TTCCCGTCCT AACACCGGGA TTATTACTGT

268701  GCTCAGACTA GAGCCTGAAT ATTTCGGCGG GTTTTTTGCT TCCTTAAAAA

268751  GCTTAATAAA CCTTGTCGCT CAAATAACTC TACTGATTAC ATGGTTTTAA

268801  GGCAAATTCG ATAATTCACT GTGTCCTAGG GGAAAGTAAG AAAGACTAGC

268851  ATAGAAGAGA ACCTTGTTTA CTTTTAGGAT AAGAGAGCTG CTAATAGGAG

268901  TGTCGTCCAG AAAAAGCTCT TGCCAGTGTC CCTGAATCTA CATAATCAAA

268951  AGATAAGCCT ATAGGAAGAC CTAAAGCTAG ACGGGAAATA TTTACAGAGA

269001  AATGTTGTAA TTCTTGTTTT AGAAAAGGG CAGTAGCATC TCCTTCTAAG

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269101  TGATTTTAAA ATGGAGAGAC GCTCGTTTTC TATATGTTTC CCTGTAATGG

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269201  CGTTCTAGAA AGAAACATC TTTTGGAGAA GCGACAATAC ATAGACTTTG

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269401  AAAAGCAAGT TTTTCTGCTG TTTTAAATCC AATTCCTGGA AGTTTTCGTA

269451  AAAAGAAAAT TAATTTAGAT AAGTAATCTG GATATCTTGT CATAGTGATG

269501  TGAATTTTAT TTTTACATTC GGGTCTGGGG CCTAAATTAA GGTTAGAGTA

269551  TAAACTCTCT GAATAGTATA CTAGCTTTTT TCTTTACATG TGGTTCTCTG

269601  TGAATAAAAA CAAAAAAGCA GCAATTTGGG CAACGGGTTC CTATTTGCCT

269651  GAGAAAGTTC TTTCAAACGC AGATTTAGAA AAAATGGTAG ATACCTCTGA

269701  TGAGTGGATC GTGACCAGAA CGGGGATCAA AGAGCGTCGT ATTGCTGGAC

269751  CTCAGGAGTA CACTTCTCTT ATGGGAGCCA TCGCTGCAGA GAAAGCTATA

269801  GCAAATGCGG GTTTAAGCAA GGATCAGATT GACTGTATCA TTTTCTCGAC

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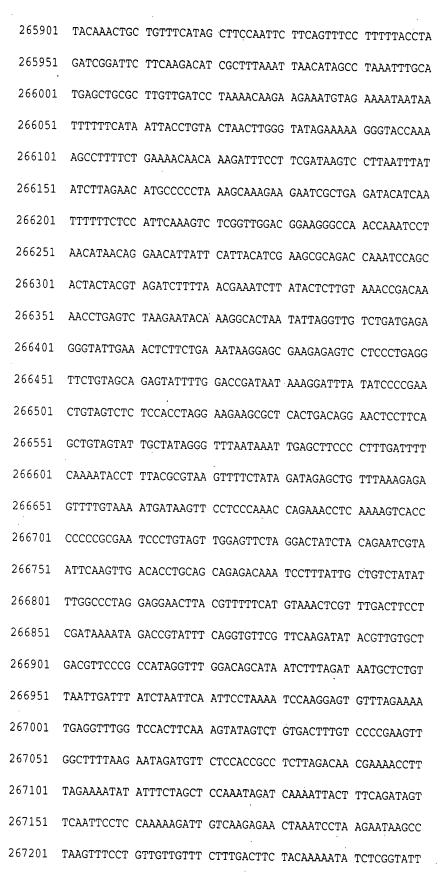
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270101  TGTGTCATAG GGGAGAGTCG GCCAGGATCT TTAGAGATTA ATAGGTTGTC

270151  TTTAGGCGCA GATGGTAAGC TAGGAGAGTT ATTAAGCCTT CCTGCTGGAG

270201  GTAGTCGTTG TCCTGCTTCT AAAGAGACTT TACAATCAGG CAAACATTTT

270251  ATTGCTATGG AGGGAAAAGA AGTTTTTAAG CATGCTGTGA GACGTATGGA

270301  AACGGCAGCT AAACATTCGA TAGCCCTGGC AGGCATTCAG GAAGAGGATA

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270401  GCGAAGCGTT TTGAGATTGA TGAGTCTAGA GTGTTTAAGA GTGTACATAA

270451  GTATGGAAAT ACTGCGGCCT CGTCTGTGGG CATTGCTTTG GATGAATTAG

270501  TTCATACAGA ATCCATTAAG CTTGATGATT ATTTACTTTT AGTTGCCTTT

270551  GGGGGCGGTT TGTCTTGGGG CGCAGTAGTT TTAAAGCAGG TCTAATAAGG

270601  ACGATAATTT CATGAAAAAA CGTTATGCTT TTTTGTTCCC AGGACAAGGG

270651  AGCCAATATG TAGGTATGGG ACAAGACCTA TATATGGAGT ATCCTGAGGT

270701  TAGAGAGCTT TTTGATTTTG CTAATGAAAG GTTAGGATTT TCTCTGACTT

270751  CAATTATGTT TGAAGGTCCT GAGGATCTTT TGATGGAAAC AGTACATAGT

270801  CAGCTAGCTA TTTATCTTCA TAGCATGGCT GTGGTAAAGG TTCTATCTCA

270851  GCGTTCTTCT ATTCAGCCTT CTTTAGTCTC TGGATTAAGT TTAGGGGAGT

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270951  CTTGTTAGAA AGCGTGGTCA GTTAATGAAT GAAGCTTGTA ATCAGAGCCC

271001  AGGGGCTATG GCGGCTTTAT TAGGGCTTCC CTCTGAAGTT ATAGAGGAAA

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271101  AAACAGCTTG TAGTGGCTGG AATAGCAGAA AAAGTAGACC AAGCGATTGA

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271251  GACATTTATG CTTTATGCAT GAAAGATTCT AGCCTTCCCT TAGTGTCACA
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271501 CTTTTGCTCA GATTGAAAAA TTCCTATCAG AGGTATGATT TGTATGGATA

271551 TAACATTAGT AGGCAAAAAA GTTATAGTAA CTGGAGGATC TCGAGGAATT

271601 GGACTCGGGA TAGTTAAGCT TTTTCTTGAG AACGGAGCAG ATGTAGAAAT

271651 TTGGGGATTG AATGAGGAGC GAGGTCAGGC TGTTATAGAA AGTTTAACAG

271701 GCTTGGGTGG CGAAGTTTCT TTTGCTCGTG TGGATGTGAG TCATAATGGT

271751 GGAGTGAAAG ATTGCGTGCA GAAATTTTTA GATAAGCACA ACAAAATAGA

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271851 TGTCTGAGGA CGACTGGCAA TCGGTGATTA GCACCAACTT GACTTCCTTG

271901 TATTATACAT GTTCCTCAGT GATTCGCCAT ATGATTAAGG CGCGTTCAGG

271951 ATCTATTATA AATGTGGCTT CTATTGTTGC TAAGATCGGT AGTGCGGGCC

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202

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272751   GCGTGCCTTT TTTTCTATAG AGTAGCTCAT CTAGAAAGAT TTATTTTGTC

272801   TTTTTAAGGT TCTCTGAACT TGATTTGTTT AGCATAGAGC TCTAAAAAAG

272851   ATAAAGCTAC GGATGGGCAC TCTTCCACAA TGTTTAGAAT TTGTCCTTTG

272901   CTAAGAACTA GCATGCGGAC TTGTGTATTT GCAGAAGCAT TGTATTCCCT

272951   GGGCTTATTA TTGAATAAGC TTTCCTCTCC AAAACAATCT AAAGGTTTTA

273001   AATTTAGAGG AGACTCTAGT TTTTCTTTAG AGATCGTAAT GTATCCTTCT

273051   ACAATGATAT AAAAGCTGAA TCCAGGTTGT CCTATAGAGA ATACATTGCT

273101   GCCAGGCTTA AATATTATCG TTTCAGTTTT ATCGGCAATT GTTAAAAGAA

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